Intelligent City Services

Leading Edge Computing and Business Intelligence Solutions

Interactive Digital Signage
People Counting and Heatmap Solution
All-in-One Touch Computers
Indoor Self-Service Kiosks
Outdoor Self-Service Kiosks
Mobile Tablet Systems
Mobile POS Systems
Intelligent POS Systems
Industrial-Grade Box PCs

ADVANTECH
Enabling an Intelligent Planet

(intel) | IOT Solutions Alliance

WISE-DeviceOn

www.advantech.com

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ADVANTECH

Enabling an Intelligent Planet

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Internet of Things
A New Era for Smart City

The arrival of the Internet of Things (IoT) and resulting paradigm shift has generated many new business opportunities related to smart city and Industry 4.0 technologies. With "Enabling an Intelligent Planet" as its core mission, Advantech, a global leader of the embedded systems market, divided its business into vertical markets in order to accelerate IoT development.

Accordingly, Advantech's Service IoT has begun cultivating smart city solutions for the following three main domains: intelligent retail and hospitality, digital healthcare, and digital logistics and fleet management.

These industry have reached a crucial point in its transformation, where big data analysis, enhancement of the customer experience, and online shopping have become key areas for innovation. Advantech's iCity Services solutions are aimed at vertical markets, such as chain stores, food and beverage businesses, supermarkets/hypermarkets, entertainment facilities and shopping malls. Advantech is dedicated to developing the most effective applications for IoT-related applications and cloud-based services. With cloud-based city service platforms as a core focus, Advantech has developed several solutions that target shopper engagement, cashier management, operational support, and business intelligence.

For customers, Advantech's one-stop technology integration service can not only optimize operations, but also improve the customer experience while also providing competitive advantages. According to the company's culture of "altruism", Advantech's team provides assistance to users hoping to break into omni-channel retailing. As a leading provider of intelligent city solutions, Advantech remains committed to not only improving customer satisfaction, but also enhancing the efficiency of operations.

Business Insights

Analysis of store data enables retailers to optimize sales strategies and daily operations.

Cloud-Based Monitoring

By monitoring the operating performance of a single or multiple stores, managers can identify key areas for improvement and development.

Store Management

By collecting cross-store performance data, management can set performance benchmarks to enhance overall productivity.

One-Stop Service

Comprehensive solutions that include intelligent IT architecture, project management, product training, after-sales support, and RMA services are provided.

Platform Integration

Advantech's WISE-PaaS cloud platform provides an open API for multi-solution integration, enabling retailers to efficiently optimize store management.

Intelligent City Services
IoT Platform
Provide Industrial IoT Independence and Flexibility

Interactive Digital Signage

SALE
30%

eMenu Board

Computing Platforms

Intelligent Multimedia Player

Interactive Digital Signage

All-in-One Touch Computers

Self-Service Kiosk

IoT Devices

Camera

MSR

RFID Reader

Barcode Scanner

Smart Card Reader

People Counting

Store Heatmap

103 visits / 63 sec per visit

Facial Recognition

Visit Counts Today: 1
Duration:
2min 15sec
Age: 25
Gender: Female

Intelligent POS
Terminal

Mobile POS
System

Handheld Tablet

Store Server

iBeacon

Fingerprint
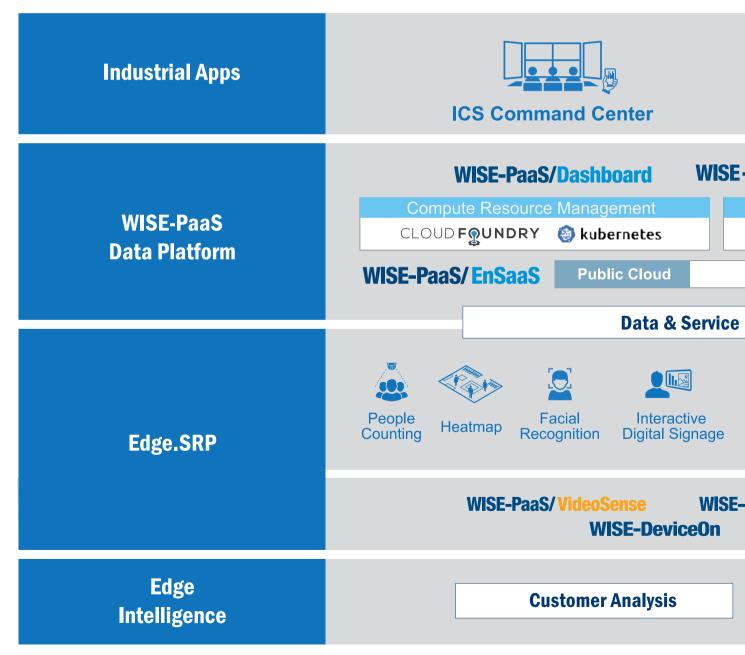Reader

3-in-1 Payment
Module

iButton

Printer

Indoor Air
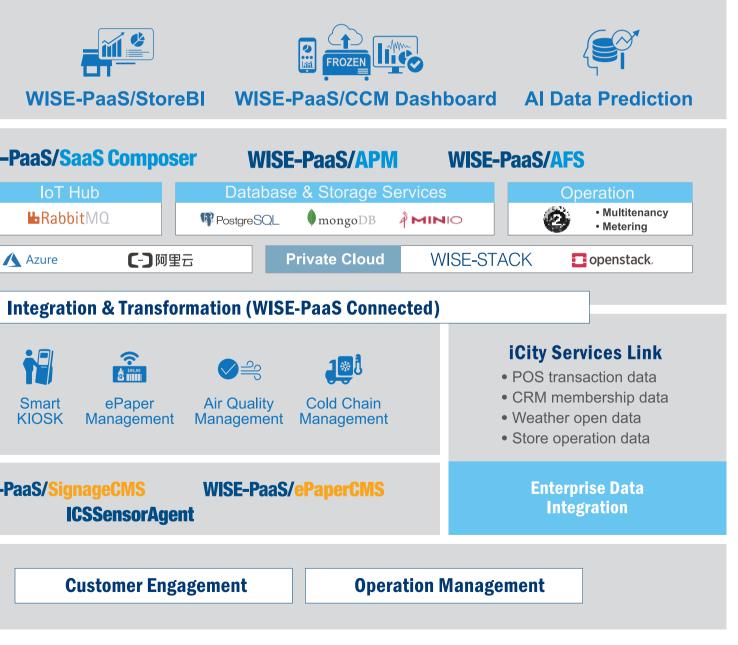Quality Sensor

Smart Counting
Camera

WISE-PaaS iCity Services

Advantech's WISE-PaaS (platform as a service) solution functions as a bridge between domain-specific clouds and IoT devices, providing a modular operating environment for system integrators. This industrial IoT cloud platform provides edge-to-cloud software and services to help system integrators enable IoT-powered cloud-based business models in various vertical markets.

For the public transportation, retail, and hospitality industries, WISE-PaaS facilitates the development of IoT applications of iCity services, enables the implementation of big data analysis and workflow optimization, while ensuring system expandability in the future.

iCity Services

Industrial Apps	ICS Command Center

WISE-PaaS Data Platform

WISE-PaaS/Dashboard   WISE-

Compute Resource Management

CLOUD FOUNDRY   kubernetes

WISE-PaaS/ EnSaaS   Public Cloud

Data & Service

Edge.SRP

People Counting   Heatmap   Facial Recognition   Interactive Digital Signage

WISE-PaaS/ VideoSense   WISE–

WISE–DeviceOn

Edge Intelligence

Customer Analysis

I.APP 2.0

WISE-PaaS/StoreBI   **WISE-PaaS/CCM Dashboard**   **AI Data Prediction**

–PaaS/SaaS Composer   **WISE-PaaS/APM**   **WISE-PaaS/AFS**

IoT Hub	Database & Storage Services	Operation
RabbitMQ	PostgreSQL mongoDB MINIO	• Multitenancy • Metering

Azure	阿里云	Private Cloud	WISE-STACK openstack

Integration & Transformation (WISE-PaaS Connected)

Smart KIOSK   ePaper Management   Air Quality Management   Cold Chain Management

iCity Services Link
- POS transaction data
- CRM membership data
- Weather open data
- Store operation data

–PaaS/SignageCMS   **WISE-PaaS/ePaperCMS**
ICSSensorAgent

Enterprise Data Integration

Customer Engagement   **Operation Management**

Interactive Digital Signage

Advantech's interactive digital signage solution enables retailers to deliver dynamic and immersive multimedia content and increase customer engagement by broadcasting target content. Using a variety of IoT sensors, facial detection cameras, RFID readers, and in-store heatmaps, the solution establishes an interactive digital signage network that offers a world of new possibilities for retailers looking to optimize operations.

KEY BENEFITS

Use precision marketing to attract target customers

Flexibly supports diverse usage scenarios

Enhance customer engagement with relevant marketing

Reduce labor costs with centralized management

SOFTWARE FEATURES

WISE-PaaS/SignageCMS

Interactive Content Creator for Signage Applications

WISE-PaaS / SignageCMS is a web-based content management system designed to deliver high-resolution multimedia in diverse formats to Advantech's signage players. The system allows users to layout, schedule, and dispatch signage content to an unlimited number of remote display clients. The software includes RESTful APIs that enable users to access and control applications from the server and integrate various interactive devices, such as an RFID reader, POS system, or facial recognition system.

Interactive APIs for easy integration

Calendar view for schedule editing

Remote centralized management

SYSTEM ARCHITECTURE

WISE-PaaS/SignageCMS
Signage Server

WISE-PaaS/SignageCMS Edge Player

Third-Party Integration

1~2 Displays — Lite

1~4 Displays — Standard

1~6 Displays — Pro

CRM　POS　NFC

Interactive API

Face Analyzer　RFID Reader　IAQ Sensor

Interactive Pack

Elevator　Office Broadcasting　Bank　Hospital Signage　Virtual Shelf　Window Commercial　Gourmet Advertisement　Traffic Guidance

Commodity Promotion　Digital Menu Board　Newsroom　Welcome Board　Brand Image　Commercial TV Wall

People Counting and Heatmap Solution

Understanding pedestrian flows, density, direction, and activity in public parks, shopping centers, event venues, theme parks, and other public attractions is important for providing business insights and intelligence. People counting and pedestrian monitoring enable you to identify congestion points, optimize access, and measure footfall traffic. The collected data can also be used to produce heatmaps that visualize traffic flow data, hot spots and dead zones, dwell time, and sales conversion funnels for actionable insights on visitors inside and outside your stores.

KEY BENEFITS

Single input source can be used for multiple functions
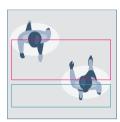
Superior detection for high counting accuracy

Supports RTSP, ONVIF, and webcam video formats

Can be integrated with Store BI, FTP, and HTTP

SOFTWARE FEATURES

Head detection:
People counting

Counts people who cross a virtual line in both directions (entry / exit). These smart cameras also support cross-camera tracking and zooming.

Body detection: People counting, heatmap, and dwell time

Counts people entering / leaving a predefined area and measures dwell times. The data collected can be used to produce heatmaps and for indoor and outdoor footfall tracking.

Face detection: People counting and demographics

AI technology supports face detection and age / gender identification for demographics analysis. Advanced algorithms filter out repeat visitors and staff to ensure accurate data. Camera can be installed on digital signage or at POS terminals.

SYSTEM ARCHITECTURE

Application Stories

Subway Bangkok

Mr. Vichit, a Thai businessman, successfully established 16 Subway® franchise stores in Thailand. Advantech's Intelligent eMenu Board solution was adopted at each of Mr. Vichit's Subway® franchise stores. Using this solution, Mr. Vichit can easily edit and update the menu content remotely. The menu displays can also be configured to present special lunch/dinner promotions and offers based on the time of day.
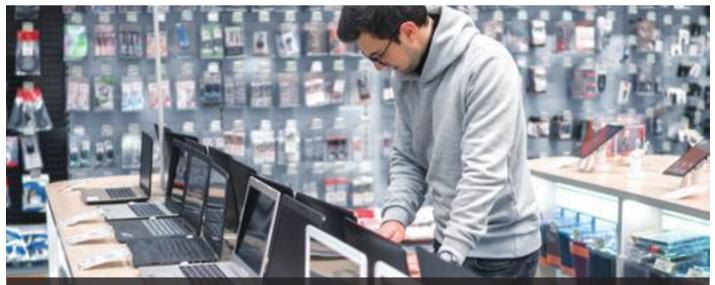

Carrefour Taiwan

At Carrefour Taiwan, store managers faced problems with staff shortages during peak hours and idle staff during low-traffic periods. To address this issue, Carrefour deployed Advantech's UShop+ store traffic analytics solution with integrated UCAM 2D person counting cameras at various branch stores in Taiwan. UShop+ software can be used to output daily, weekly, monthly, and yearly reports that help managers identify peak / off-peak hours and optimize overall operations.

85°C Bakery Café

The 85°C Bakery Café chain in Taiwan deployed Advantech's POS loss prevention solution to monitor cashier transactions and display abnormal transactions on a backend dashboard in real time. The data collected was visualized and used to generate reports for review to facilitate centralized management of all store locations. By implementing Advantech's solution and optimizing operations, the 85°C Bakery Café chain was able to reduce the number of in-store transaction abnormalities and minimize cashier errors.

Consumer Electronics Chain

Mr. Lai, owner of an e-Company consumer electronics chain was looking for a reliable and intelligent solution for monitoring store performance. He decided to implement Advantech's store traffic and heatmap solution in 20 of his chain stores to facilitate centralized monitoring and management. The solution allowed managers to easily monitor store performance metrics, including the number of visitors, transaction amounts, conversion rates, sales per man-hour, as well as average sales per unit area (sales revenue/total square meters of a store), via a mobile management app (such as UShop+).

Advantech
Intelligent Retail Edge Computing

All-in-One Touch Computers

Avalo Family

All-in-One Self-Service Kiosks

Mobile Tablet Devices

Mobile POS System

Industrial-Grade Box PCs

Interactive Self-Service Outdoor Kiosk

All-in-One
Touch Computers

Advantech's UTC series are all-in-one computers equipped with a fanless Intel® processor and multi-touch screen, making them ideal for a wide range of intelligent service applications. The true-flat monitor with 16:9 widescreen aspect ratio provides a beautiful and user-friendly display. Built to support diverse applications, the UTC series computers can be easily integrated with multiple peripherals that extend the system functionalities. Overall, Advantech's UTC series computers offer an extended product life, stable operation, and enhanced usage experience.

Application Scenarios

● Hotel Customer Survey Terminals

● Kitchen Display Systems

● Supermarket Interactive Terminals

● Retail O2O Terminals

● Mall Wayfinding Kiosks

● Intelligent POS Systems

3 Steps to Build Your Own Integrated All-in-One Kiosk

1 Choose UTC AiO Size
- 15.6"~21.5" monitor
- Touchscreen
- Intel processor
- Fanless design

2 Select Peripheral Modules
- Camera
- RFID / NFC reader
- 1D / 2D barcode scanner
- MSR / smart card reader

3 Pick Stand Type
- Table and floor stand
- Thermal printer
- Customizable color
- Easy installation

1. Choose UTC AiO Size

UTC-100 series

Ultra slim

| 10.1" | 15.6" | 21.5" | 23.8" |

UTC-300 series

Panel mount

| 7" | 10.1" | 15.6" | 18.5" | 21.5" |

UTC-500 series

Multiple peripherals

| 10.1" | 15.6" | 21.5" | 31.5" | 42.5" |

2. Select Peripheral Modules

Peripherals	Magnetic Stripe Reader	NFC / RFID Reader	Smart Card Reader	1D / 2D Barcode Reader	5MP Camera Module	Fingerprint Scanner	iBeacon
UTC-510 / 542 Series	■	■	■	■	■	■	
UTC-515 / 520 / 532 Series	■	■	■	■	■	■	■
UTC-300 Series	■	■	■	■	■		
UTC-307 / 310 Series	■	■		■	■		
UTC-100 Series	■	■	■	■	■		

3. Pick Stand Type

Wall Mount Kit

UTC-WALL-MOUNT1E	UTC-WALL-MOUNT2E	UTC-WALL-MOUNT3E	UTC-WALL-MOUNT4E	UTC-WALL-MOUNT5E

Table Stand

UTC-520 STAND1E	UTC-S03 STANDE	UTC-750 BSTAND1E	UTC-750 single table stand	UTC-510 STAND0E	UTC-W101E
UTC-S01 STAND	UTC-300P-D	UTC-750 WSTAND1E	UTC-750 double table stand		UTK-752 table stand

Floor Stand

UTC-T01 STANDE	UTC-H01 STANDE	UTC-750 BSTAND0E	UTC-750 WSTAND0E	UTC-752GP DFR0E	UTC-single floor stand	UTK floor stand	UTC-F01 STANDE	UTK-752 floor stand

UTC-100 Series

10.1~23.8" Ultra-Thin, Lightweight, All-in-One Touch Computer

Ultra slim

23.8"

21.5"

15.6"

10.1"

True-Flat | 16:9 WIDESCREEN | Full HD | (intel) | QUALCOMM | | Glass/PCAP/Resistive Touch | IP 65 | WIDE Input Voltage | Rich I/O | Lightweight | Space Saving | Slim | PoE

OS Support | Windows | Windows Embedded | android | Linux

Slim Ultra-Light Design Expedites Installation

The UTC-100 series touch computer is one of the thinnest products of its type, enabling easy installation, integration, and maintenance in public spaces.

Support for Multiple Operating System

The UTC-100 series provides Intel and Qualcomm system platforms that ensure windows 10, android 8.1 / 10, or Linux OS can run on it smoothly.

Flexible and Expandable for Diverse Application

With 4 side-facing expansion slots, optional peripherals can be integrated to extend the system functionalities for diverse applications. The quick-swap storage that is easy to install, ensuring rapid integration, maintenance, and operation.

Dual Power Input for Stable Operation

The provision of dual power inputs (PoE* and 12~24V DC) and 3-way cable routing enables installation and stable operation in a wide range of environment.

* For selected models only.

UTC-110 / 115 / 120 / 124

10.1~23.8" Ultra-Thin, Lightweight, All-in-One Touch Computer

- 10.1 / 15.6 / 21.5 / 23.8" monitor with 16:9 widescreen display
- Intel® Celeron® N3450 (default) / Celeron® N3350 (optional) / Pentium® N4200 (optional) processor
- Qualcomm SDA660 (default) processor
- Ultra-thin and lightweight system
- Clean form and lines with no visible screws
- Fanless, low-power system
- Quick-swap HDD / SSD slot
- Supports Power over Ethernet (PoE / PoE+, optional)
- Supports landscape and portrait screen orientations
- IP65-rated front panel protects against water and dust

Key Features

3-way cable routing and 4 x side-facing expansion slots for peripheral integration

Supports PoE and 12~24V DC (applicable for UTC-110 / 115)

Quick-swap storage design ensures easy installation and maintenance

Dual system architecture

Clean form and lines with no visible screws

UTC-200 Series

7~42" True-Flat, Fanless, Open Frame Panel PC

- 7 / 10.1 / 15.6 / 21.5 / 31.5 / 42.5" monitor with 16:9 widescreen display
- Intel® Core™ i5-6300U / Celeron® N3350 / Pentium® N4200 processor
- Low-power, fanless system
- Supports portrait and landscape screen orientations
- Supports Windows® Embedded Standard 7 / 8, Windows® 10 IoT Enterprise, Linux Ubuntu 16.04 / 18.04, and Android 8.1

Open frame

True-Flat | 16:9 WIDESCREEN | Full HD | intel | Glass/PCAP/Resistive Touch | IP65

OS Support Windows | Windows Embedded | android | Linux

7~42.5" All-in-One PC with 16:9 LCD

The compact, slim design offers a stylish appearance, which combined with the 16:9 widescreen display provides enhanced installation flexibility.

Open Frame Design for Easy Integration

Aimed at diverse embedded applications, the UTC-200 series computers feature an open-frame bracket and single-unit design that enable easy integration with kiosks, cabinets, or wall mounts.

Excellent Performance and Multiple OS Support

The UTC-200 series computers are equipped with a rugged touchscreen and IP65-rated front panel that protects against water and dust, satisfying the requirements for industrial environments.

Rugged Touchscreen with IP65-Rated Protection

The UTC-200 series computers are equipped with a rugged touchscreen and IP65-rated front panel that protects against water and dust, satisfying the requirements for industrial environments.

UTC-300 Series

7"~21.5" Versatile, Flexible, All-in-One Touch Computer

Panel mount

21.5"

18.5"

15.6"

10.1"

7"

True-Flat | 16:9 WIDESCREEN | Full HD | (intel) | | Glass/ PCAP/ Resistive Touch | IP65 | WIDE Input Voltage | Rich I/O | Standard VESA | Wi Fi | Remote Monitoring

Color Options: White Black

OS Support: Windows | Windows Embedded | android | Linux

Compact, Fanless System Delivers Superior Performance

Powered by the latest Intel® processor, UTC-300 series computers deliver superior performance in a compact and fanless system that supports multiple OS for convenient deployment.

Flexible Installation with Removable Frame Design

The UTC-300 series computers support stand, panel, and VESA mounting, while the removable frame design enables recessed-wall mounting, to facilitate diverse applications.

Wide Input Voltage and Multiple I/O Ports

To ensure flexible installation in diverse environments, UTC-300 series computers support a wide input voltage range (12~30V) and feature multiple I/O ports for enhanced connectivity.

High Expandability with Diverse Peripherals

The pre-perforated removable docking station sections on all four sides enable diverse peripherals to be easily integrated in order to extend the system functionality.

UTC-307

7" Versatile, Flexible, All-in-One Touch Computer

- 7" monitor with 16:9 widescreen display
- Intel® Celeron® N3350 / Pentium® N4200 processor
- Fanless, low power system
- Easy-access HDD / SSD slot (optional)
- Wide input voltage (12~24V)
- Supports Power over Ethernet (PoE / PoE+, optional)
- IP65-rated front panel protects against water and dust
- Removable frame design for panel mounting

WISE-DeviceOn

Key Features

Removable frame design for flexible installation

Easy-access storage slot

Green and red LED indicators (optional)

UTC-310

10.1" Versatile, Flexible, All-in-One Touch Computer

- 10.1" monitor with 16:10 widescreen display
- Intel® Celeron® N3350 / Pentium® N4200 processor
- Fanless, low power system
- Easy-access HDD / SSD slot (optional)
- Wide input voltage (12~24V)
- Supports Power over Ethernet (PoE / PoE+, optional)
- IP65-rated front panel protects against water and dust
- Removable frame design for panel mounting

WISE-DeviceOn

Key Features

Easy-access HDD / SSD slot for convenient maintenance

Barcode reader

Built-in 2D barcode reader (optional)

Green and red LED indicators (optional)

UTC-315 / 318 / 320

15.6 / 18.5 / 21.5" Versatile, Flexible, All-in-One Touch Computer

- 15.6 / 18.5 / 21.5" monitor with 16:9 widescreen display
- Intel® Celeron® J1900 / Pentium® N4200 / Core™ i5-4300U / Core™ i5-6300U / Core™ i5-8365UE processor
- Fanless, low-power system
- Wide input voltage (12~30V)
- Supports Power over Ethernet (PoE / PoE+, optional)
- IP65-rated front panel protects against water and dust

WISE-DeviceOn

Key Features

IP65-rated front panel for water and dust resistance

Removable frame design for flexible installation

Various peripherals for diverse applications

UTC-500 Series

10.1~42.5" Rugged, Expandable, All-in-One Touch Computers

Multiple peripherals

True-Flat | 16:9 WIDESCREEN | Full HD | (intel) | | Glass/ PCAP/ Resistive Touch | IP65 | 9H Hardness | Rich I/O | Standard VESA | Wi Fi | Remote Monitoring

Supports Advantech WISE-PaaS / DeviceOn remote management software

OS Support: Windows | Windows Embedded | android | Linux

10.1~42.5" Compact, All-in-One PCs with 16:9 LCD

The compact, slim design and stunning 16:9 widescreen display provide a sleek and stylish appearance, while the wide range of screen sizes ensures flexible configuration.

Excellent Performance with Low Power Consumption

Equipped with an Intel® processor that supports high-performance computing, the UTC-500 fanless system offers quiet and power-efficient operation.

Rugged and Durable Touchscreen

The inclusion of an IP65-rated front panel with antimicrobial glass touchscreen* provides a durable front surface that protects against water and dust ingress.

*Antimicrobial glass touchscreens only available with UTC-515 and UTC-520 PCAP.

Expandable for a Wide Range of Applications

With support for multiple OS and various I/O ports, optional peripherals can be integrated to extend the system functionalities for diverse applications.

UTC-510

10.1" Rugged, Expandable, All-in-One Touch Computers

- 10.1" monitor with 16:10 widescreen display
- Intel® Atom™ E3825 / Celeron® N2807 / J1900 / N3350 / Pentium® N4200 processor
- Fanless, low-power system
- Wide input voltage (12~24V)
- Support recessed wall mounting option and customizable frame color
- Supports Power over Ethernet (PoE / PoE+, optional)
- IP65-rated front panel protects against water and dust
- Built-in 5MP camera (optional)

Key Features

IP65-rated front panel for water and dust resistance	PoE support (for UTC-510-PoE)	Various peripherals for system expansion

UTC-515 / 520 / 532

15.6 / 21.5 / 31.5" Rugged, Expandable, All-in-One Touch Computers

- 15.6 / 21.5 / 31.5" monitor with 16:9 widescreen display
- Intel® Celeron® J1900 / Pentium® N4200 / Core™ i5-4300U / Core™ i5-6300U / Core™ i5-8365UE processor
- Fanless, low-power system
- Supports both landscape and portrait screen orientations
- IP65-rated front panel protects against water and dust
- Antimicrobial and scratch-resistant Corning® Gorilla® Glass for PCAP (for UTC-515 / 520)
- Anti-glare surface touch (optional)
- All-white color housing (optional for UTC-520 / 532)

Key Features

IP65-rated front panel for water and dust resistance	Side groove design for flexible peripheral installation	Multiple peripherals for diverse applications

UTC-520 IP65

21.5" Rugged and Expandable All-in-One Touch Computer with All-Around IP65 Rating

- 21.5" monitor with 16:9 widescreen display
- Intel Pentium® N4200 / Intel Core™ i5-6300U processor
- SUS304 Stainless steel with all-round IP65 rating
- Fanless, low-power system
- Wide input voltage (12~32V)
- Supports both landscape and portrait screen orientations
- -10 to 50C wide operating temperature
- M12 waterproof connector
- WiFi / 4G connectivity module with dual waterproof antenna (optional)

Key Features

All-around IP65 rating for water and dust resistance	Corrosion-proof stainless steel for harsh environments	M12 connectors protect against water and dust

UTC-542

42.5" All-in-One Touch Computer for Interactive Signage

- 42.5-inch 16:9 TFT LCD monitor with 1920 x 1080 resolution and 450-nit brightness
- Intel® Celeron® J1900 / Pentium® N4200 / Core™ i5-6300U / Core™ i5-8365UE processor
- Fanless, low-power system
- Dual quick-swap HDD / SSD slots with RAID 0/1 support
- Easy cable routing and management
- VESA standard (200*200 mm) mount holes for flexible installation
- Anti-glare 3H mirror coating for smart mirror and interactive augmented reality applications (optional)
- IP65-rated front panel protects against water and dust

42.5" TFT LCD with Optional Mirror Coating for Diverse Display Applications

Swappable dual HDD/SSD slots for easy updates

Memo

Indoor Self-Service Kiosks

Advantech's UTC series devices are stylish, fanless, all-in-one, industrial-grade, self-service kiosks. Equipped with the latest Intel® processor, UTC series kiosks provide excellent and stable performance. Built to support various self-service applications, the UTC series are available with various screen sizes, can be integrated with diverse peripherals, and support flexible integration to ensure easy installation. These kiosks enable business owners to deliver interactive services that increase customer satisfaction.

Application Scenarios

● Restaurant Self-Order Kiosks

● Hotel Self-Check-In Kiosks

● Cinema Self-Ticketing Kiosks

● Bank Self-Service Kiosks

● Retail Product Information Kiosks

● Supermarket Self-Checkout Kiosks

UTC-720 Series

UTC-722 / 723

21.5 / 31.5" Slim, Single-Unit, Open Frame Self-Service Kiosk

- Built-in Intel® Core™ i5-6300U / Pentium® N4200 processor
- 21.5 and 31.5 " FHD LCD (1920 x 1080)
- IP65-rated front panel for water and dust resistance
- Glass or P-CAP / resistive touchscreen
- Supports Wi-Fi / Bluetooth connectivity

WISE-DeviceOn

- (A) Dual amplified speakers (10W)
- (B) 5MP camera
- (C) UTC-200 series open-frame panel PC
- (D) Thermal printer (2"/3")
- (E) 1D / 2D barcode scanner
- (F) RFID/NFC reader
- (G) MSR
- (H) IC card reader

Key Features

Side-open design for convenient maintenance

Customizable color to fit various environments

Supports pole, ceiling, and wall mounting for easy installation

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UTC-750 Series

UTC-752

21.5" Convertible, Multi-Type, All-in-One Self-Service Kiosk

- Built-in Intel® Core™ i5-6300U / Pentium® N4200 processor
- 21.5" FHD LCD (1920 x 1080)
- IP65-rated front panel for water and dust resistance
- Supports IDTech payment modules
- Supports Wi-Fi / Bluetooth connectivity

WISE-DeviceOn

- (A) Thermal printer (2" / 3")
- (B) NFC reader
- (C) Pin pad
- (D) 1D / 2D barcode scanner
- (E) MSR / IC card reader

Key Features

Integrated payment facility with LED light for convenient use

Flexible installation with multiple stand types

UTK-500 Series

21.5 / 31.5" Modular, All-in-One Self-Service Kiosk

16:9 WIDESCREEN   Full HD   intel   Glass/ PCAP/ Resistive Touch   IP65

Double-Unit Solution for Flexible Configuration

The AiO touch computer attaches to a peripheral box, providing a stylish and double-unit solution that can be flexibly configured and customized for self-service kiosk applications.

Easy Installation in Wide Range of Environments

The UTK-500 series computers support both landscape and portrait screen orientations and feature standard VESA mount holes to ensure easy installation in diverse environments.

Outstanding Versatility for Diverse Applications

The modular design of the UTK-500 series offers incredible versatility for saving space and optimizing the system functionalities according to specific application requirements.

Excellent Performance and Multiple OS Support

Equipped with the latest Intel processor, the UTK-500 series delivers high-performance computing and supports multiple OS, increasing the system's overall compatibility and flexibility.

UTK-520

21.5" Multi-Functional, All-in-One, Self-Service Touch Computer

- 21.5" 16:9 widescreen display with 1920 x 1080 resolution
- Built-in Intel® Core™ i5-6300U / Pentium® N4200 processor
- Fanless, low-power system
- Supports both landscape and portrait screen orientation
- Aluminum frame with side groove for integrating peripherals
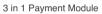- Standard VESA mount holes (100*100mm) for flexible deployment

Key Features

3D camera

NFC

2D Barcode Scanner

Thermal Printer

3 in 1 Payment Module

True-flat IP65-rated front panel for water and dust resistance

Wide range of peripherals for diverse applications

Supports both landscape and portrait screen orientation

AI-Enabled All-in-One Self-Checkout Kiosk

- Pre-integrated barcode scanner, thermal printer, and NFC for space savings
- Powered by AI vision to streamline the self-checkout process
- 21.5 / 31.5" monitor with 16:10 widescreen Full-HD display
- Built-in Intel® Core™ / Celeron® / Pentium® processor
- Fanless, low-power system
- Supports both landscape and portrait screen orientation
- IP65-rated front panel for water and dust resistance

3-Step Checkout

❶ PLACE

❷ CONFIRM

❸ PAY

16:9 WIDESCREEN   Full HD   (intel)   Gloss/ PCAP/ Resistive Touch   IP65

ADVANTECH   Viscovery

UTK-532

32" Stylish, Slim, Multi-Purpose, Self-Service Touch Computer

- 31.5" LCD 16:9 widescreen display with 1920 x 1080 resolution
- Built-in IIntel® Core™ i5-6300U / Pentium® N4200 processor
- Fanless, low-power system
- Support both landscape and portrait screen orientation
- Aluminum frame with side groove design for flexible peripheral installation
- Standard VESA 100*200mm mounting holes for varied mounting demands
- Supports Advantech WISE-PaaS/DeviceOn remote management software

Flexible installation for easy deployment

Wide range of peripherals for diverse applications

Internal cable routing for a neat appearance

UTK-752

21.5" Smart, Modular, Self-Service Touch Computer

- 21.5" LCD 16:9 widescreen display with 1920 x 1080 resolution
- Built-in Intel® Core™ i5-6300U / Pentium® N4200 processor
- Fanless, low-power system
- Aluminum frame with side groove for integrating peripherals
- Customized bracket for EMV payment devices
- Supports Advantech WISE-PaaS / DeviceOn remote management software

Flexible modular installation for integrating peripherals

Side open design for quick maintenance and easy cable routing

Multi-purpose stand for table and floor mounting

UTK-615

15.6" Mini Self-Service Kiosk

- Compact and lightweight for limited-space installations
- Easy operation and navigation with LED status indicators
- Modularized design enables easy upgrades
- Can be flexibly configured to support various applications
- Multiple mount options ensure convenient installation

Battery cover

Bracket   Cable slot

Colorful Customized LED

Attracting attention and Stimulating consumption

Built in Hot Swappable Battery

Suitable for mobile application with wireless surface

Diversified Payment

- EMV Reader
- NFC Payment
- QR Code Payment
- Face Scan Payment

Modular Design

Saving development costs with Rapid customization

1D / 2D Scanner
Customization cover
Thermal Printer
RFID / NFC

Software Application(Optional)

- Customer Relationship Management by facial recognition
- Ordering Voice Guidance

Easy for installation with standard VESA

Desktop , wall mount

Outdoor Self-Service Kiosks

Advantech's interactive self-service product division focuses on providing comprehensive IoT-based self-service solutions for a wide range of industries. Advantech's DMS and DTOS teams offer customers product design and platform integration capabilities to deliver highly competitive self-service kiosks and product offerings that optimize the usage experience.

Application Scenarios

- Campsite Space-Finding Kiosks

- Parking Lot Self-Payment Kiosks

- Theme Park Self-Ticketing Kiosks

- Car Rental Management Self-Service Kiosks

- Fast Food Drive-Through Kiosk

- Expo Outdoor Queueing Kiosks

UTK-932

*32" Customizable, Outdoor,
Self-Service Kiosk*

- 32" true-flat panel
- Intel® Core™ i7 6600U / i3 6100U processor
- Customizable payment options and flexible peripherals
- All-around IP65-rating protects against water and dust
- Robust stainless steel chassis with automated heating and
  cooling
- IR sensor-activated digital signage/ordering mode
- Highly customizable turnkey solution with DTO services

Key Features

Touchscreen with UV protection and
auto-dimming

Industrial-grade ingress protection for
outdoor operation

Customizable payment options
with flexible peripherals

32"
Touch
panel

IP camera

Receipt tray

Service call
button and mic

SCR reader

Barcode
scanner

NFC

Speaker

IR sensor

Vents

Maintenance
door

Mobile Tablet Systems

To meet the demands of various industries, Advantech's rugged yet lightweight mobile tablets support long-duration operation and can be easily expanded with the integration of various extension modules. IP65-rated for resistance to water and dust ingress, these tablets offer the capabilities to enhance the customer shopping experience, streamline operations, and increase productivity.

Application Scenarios

- Restaurant Checkout Tablets

- Device Management Tablets

- Store Assistant Tablets

- Field Service Tablets

- Self-Service Terminals

- Inventory Management Systems

AIM-35

8" Industrial-Grade Mobile Tablet

- Built-in Intel® Atom™ X5-Z8350 processor with dual OS (Windows / Android)
- IP65 rating for resistance to water and dust ingress
- Supports various expansion peripherals for diverse applications
- Supports real-time data transmissions via 4G LTE, Wi-Fi, and Bluetooth

1200h | IP65 | 8hr+ | NFC | Windows/Android

WISE-DeviceOn

2MP front camera (D) IP65-rated protection (E)
Micro HDMI port (A)
Power button (B)
Volume control (C)
SIM and SD ports (F)
Programmable key (G)
Pogo pin connector (H)
Micro USB port (I)
NFC reader (M)
Extension module port (J)
5MP rear camera (K)
Battery cover (L)

Key Features

Touchscreen supports gloved operation

Supports EMV-certified payment modules

Supports diverse modular peripherals

AIM-37

10" Multi-Functional Mobile Tablet

- Built-in Intel® Atom™ x5-Z8350 processor
- Corning® Gorilla® glass panel offers an MTBF of up to 12,000 hours
- IP54 rating for resistance to water and dust ingress
- Embedded MSR, IC card reader, and NFC reader provide multiple payment options

1200h | 8hr+ | barcode | Bluetooth | NFC | Remote Monitoring

WISE-DeviceOn

IP54-rated front panel (A) 2MP camera (B)
MSR / IC card reader (C)
NFC reader (D)
Pogo pin connector (E)
Embedded 2D barcode scanner (F)
Barcode scanner activator (G)
(H)
5MP camera (I)
Power button

Key Features

Directly bonded touchscreen for enhanced visibility

Built-in MSR and 1D / 2D barcode scanner

Supports Android and Windows OS

AIM-38

10.1" Industrial-Grade Mobile Tablet

- Built-in Intel® Atom™ X7-Z8750 processor with dual OS (Windows / Android)
- Supports up to 800-nits brightness for outdoor applications
- Real-time data transmissions via 4G LTE, Wi-Fi, and Bluetooth
- Supports integration with optional peripherals for enhanced functionality

Industrial-grade | IP65 | 4G LTE | 800 nits | 8hr+

WISE-DeviceOn

2MP front camera (F) Power button (G) Volume control (H)
Micro USB port (A)
Micro HDMI port (B)
Protection (C)
Pogo pin connector (D)
Sim&SD door (E)
5MP rear camera (I)
Extension module port (J)
Battery cover (L)
NFC reader (K)

Key Features

Hot-swappable battery design

High-brightness and directly bonded touchscreen

Supports diverse modular peripherals

Mobile POS Systems

Advantech mobile POS systems support diverse applications, such as self-ordering, shopping assistance, and inventory management. Aimed at the retail and hospitality industries, these rugged yet lightweight systems offer high expandability for diverse applications to enhance the customer shopping experience, streamline operations, and increase productivity.

Application Scenarios

- Mini POS Systems

- Self-Check-In Kiosks

- Self-Payment Kiosks

- Restaurant Queuing Terminals

- Self-Ordering Kiosks

- Customer Feedback Terminals

MPOS-350

8" Mobile POS System

- Built-in Intel® Atom™ processor for efficient operation
- Automatic charging cradle with pogo pin connector
- Supports real-time data transmissions via 4G LTE, Wi-Fi, and Bluetooth
- Supports Windows 10 IoT and Android 6.0

2MP front camera — (A)

Micro HDMI port (F)

(G) Power button

(B) IP65-rated protection

(H) Volume control

(C) Light sensor

(I) 5MP rear camera

(D) SIM and SD card ports

(E) Pogo pin connector

(J) Battery cover

(K) I/O interface

1200h | 8hr+ | IP65 | NFC | Rich I/O | Remote Monitoring

Key Features

Automatic charging cradle

Supports EMV-certified payment modules

Various I/O for diverse applications

MPOS-370

10" Mobile POS System

- Built-in Intel® Atom™ processor for efficient operations
- Charging cradle equipped with a receipt printer
- Embedded MSR, IC card reader, and NFC reader provide multiple payment options
- Supports Windows 10 IoT and Android 6.0

2D barcode scanner
(G)

(A) MSR/IC card reader

(H) Barcode scanner activator

(B) NFC reader

(I) 5MP camera

(C) Pogo pin connector

(D) Receipt printer

(J) Power button

(E) Printer release button

(F) LED indicator

(K) I/O interface

1200h | 8hr+ | NFC | Rich I/O | Remote Monitoring

Key Features

Embedded receipt printer

Built-in 2D barcode scanner for coupon scanning

Embedded NFC reader for payment service

Various Peripherals for AIM Series

Unique Printer Cradle

- Automatic charging via a pogo pin connector for long-duration operation
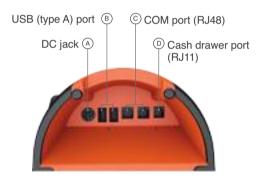
180-degree adjustable swivel for convenient operation

Plug-and-play functionality

Mobile tablet with unique charging cradle

Mobile tablet with UPOS-510 charging cradle

Easy-access design for convenient maintenance

System Description

USB (type A) port Ⓑ   Ⓒ COM port (RJ48)

DC jack Ⓐ   Ⓓ Cash drawer port (RJ11)
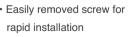
2-in-1 Carry Hand Strap for AIM-37

- Adjustable shoulder strap

- Easily removed screw for rapid installation

- Hand strap for convenient use and portability

Simple Strap for AIM-35

- Easily removed screw for rapid installation

- Hand strap for easy carrying

- Easily removed screw for rapid installation

- Adjustable shoulder strap

Single and Multi-Bay Charging Cradle

- Guide pins for easy docking
- Automatic charging via pogo pin connector
- LED indicators
- Easy plug-and-play functionality
- Automatic charging via pogo pin connector
- LED indicators

AIM-35

AIM-35/AIM-37

AIM-37

Extension Modules for AIM-35

- MSR module
- Smart card reader
- LAN + COM module
- NFC module
- 20 degree barcode scanner
- 70 degree barcode scanner
- Add-on 1D / 2D barcode scanner

Wall Mount Kit

- Supports 75 x 75 VESA wall mount

AIM-35

AIM-37

- Supports automatic charging and USB cable management

Intelligent POS Systems

Advantech's POS systems offer stylish solutions that can be equipped with various modular peripherals and integrated with remote management software and cloud-based digital signage to support the provision of diverse value-added services that enhance customers' shopping experience. These systems also enable store managers to collect consumer behavior data for subsequent analysis and operational optimization.

Application Scenarios

- Intelligent POS Systems

- Information Checking Systems

- Self-Checkout Terminals

- Restaurant Queuing Terminals

- Kitchen Display Systems

- O2O Terminals

Avalo Family

AiO Service Computers

ARM

USC-130
11.6"

USC-160
15.6"

X86

UPOS-211
15"

USC-250
15"

Touch Monitors

USC-M3
11.6"

UPOS-M15
15"

USC-M6
15.6"

Peripherals

MSR

MSR +
iButton

MSR +
RFID

MSR +
IC card reader

MSR +
Fingerprint scanner

Barcode
scanner

Thermal printer

Avalo Family
Infinite Possibilities
Unlimited Combinations

Stands

Avalo

Dual hinge

Single

Kangaroo

Kangaroo X

Unlimited Combinations

Avalo all-in-one computers, accessories, and stands can be interchangeably combined according to usage requirements, ensuring flexible installation.

Modularized Peripherals

The system functions can be easily extended with the integration of additional modules and optional peripherals to support diverse applications
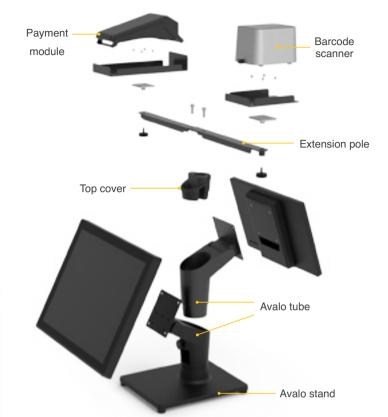
User Friendly Design

All products in the Avalo Family are designed for convenient use, easy maintenance, and intuitive operation, saving deployment time and cost.

Avalo Stand with High Expandability

Avalo stands offer high expandability with support for various peripherals. In order to satisfy specific application requirements, the system functions can be easily extended with the inclusion of a built-in camera, RFID technology, or optional peripherals, such as an MSR reader, iButton, and barcode scanner.

Payment module

Barcode scanner

Extension pole

Top cover

Avalo tube

Avalo stand

Customizable Stand for Self-Service Applications

Kangaroo/Kangaroo mini

Kangaroo X

USC-100/200/M Series

• USC-M3 / M6: 11.6 / 15.6" touch monitor
• USC-130 / 160: 11.6 / 15.6" RISC-based AiO (Android / Linux)
• USC-250: 15.1" X86 AiO (Windows / Linux)

Peripherals

• Payment device / barcode scanner
• Printer (compatible with various brands)
• Camera for video AI

UBX/USM Series

• Suitable for two-piece solutions (monitor + box PC)
• UBX-310: Intelligent, fanless box PC
• USM-260: High-performance box PC

USC-130 / 160

11.6 / 15.6" ARM-based All-in-One Service Computer

- ARM® Cortex®-A17 processor
- Supports Android 6.0, 8.1 / Linux OS
- 16:9 widescreen with P-CAP touch control
- Various optional peripherals (MSR reader, iButton, and barcode scanner)
- IP65-rated front panel protects against water and dust
- Supports panel, wall, and VESA mounting

C 7 / 10 / 11.6" VFD secondary display

D VESA 75x75

A IP65-rated front panel

B Diverse peripherals

IP65   MSR   16:9 WIDESCREEN   Remote Monitoring

Key Features

camera

RFID

Optional built-in camera and RFID

12 mm

Ultra-slim and compact design

Easy cable maintenance

USC-250

15" Slim, High-Performance, All-in-One Service Computer

- Intel® Celeron 3955U / Core™ i3-6100U / i5-6300U processor
- Panel with LED backlight and P-CAP touch control
- Ultra-slim fanless design
- Supports VFD and USC-M3 / M6 monitors as secondary displays
- Multiple I/O and optional peripherals

A IP65-rated front panel

C Customizable cover

D Easy-access USB

B Expandable Avalo stand

intel   IP65   MSR   Remote Monitoring

Key Features

Modularized design for flexible configuration

Screwless maintenance cover

3 x M.2 slots

RAM

Easy replacement and maintenance design

4-way adjustable secondary display

UPOS-211

15" Compact, All-in-One POS System with Dual-Hinge Stand

- Dual-hinge stand with up to 90-degree tilt flexibility
- Customizable design for enhanced brand promotion
- Expandable I/O for diverse application requirements

WISE-DeviceOn

E Supports various secondary displays

C Modular peripherals

D Easy-access USB

A IP65-rated front panel

B Power button

Key Features

Dual-hinge stand design

Supports secondary displays

Easy-access USB ports

USC-M3/M6

11.6 / 15.6" 16:9 Ultra-Slim Touch Monitor

- Embedded RFID and camera
- Bezel-free panel with P-CAP touch control
- Ultra-slim (12 mm), IP65-rated front panel
- Reserved side hatch for optional peripherals
- Supports wall, panel, and VESA (75x75 mm) mounting

WISE-DeviceOn

A Embedded camera

B Embedded RFID

Embedded RFID (for M6)

Key Features

Can be combined with box PCs for POS applications

Supports wall, panel, and VESA mounting

12 mm

Ultra-slim and compact design

UPOS-M15

15.1" 4:3 TFT Standalone, Base-Mounted POS Monitor

- Bezel-free panel with P-CAP touch control
- Reserved side hatch for optional modules
- IP65-rated front panel protects against water and dust
- Supports VESA (75x75 mm) mounting
- VGA/HDMI (optional) inputs
- Built-in speaker

Key Features

Can be used as a secondary display
(with optional touchscreen)

Available with dual-hinge stand

UTC-300P

15.6 / 18.5" Fanless, All-in-One POS System

- 15.6/18.5" POS system with 16:9 widescreen display
- Built-in Intel® Celeron® / Core™ i5 processor
- IP65-rated front panel protects against water and dust

(A) True-flat 16:9 widescreen display

Add-on peripheral connector (MSR / IC card reader)
(C)

(D)
Multiple I/O

(E)
Foldable dual-hinge stand

(B) Small footprint stand

Key Features

Foldable dual-hinge stand

Unique mount frame attachment
supports peripheral integration

Cost-effective and low-power design

Industrial-Grade Box PCs

Advantech has developed high-performance, fanless, low-power, industrial-grade box PCs that can be integrated with remote management software and cloud-based digital signage systems to support various retail and hospitality applications, such as point-of-sale, digital signage, and store management operations. These devices enable customer behavior data to be collected for business insights in order to improve service efficiency.

Application Scenarios

- Intelligent POS Systems

- Digital Signage Players

- Self-Service Kiosks

- Mini Server Boxes

- Kitchen Display Systems

USM-110

Ultra-Compact ARM-Based Digital Signage Player

- ARM® Cortex®-A17 processor
- Supports diverse mount options for easy installation
- Dual displays at Full HD (up to 4K) resolution
- Supports Advantech WISE-PaaS / and Android-DM remote management software

Ⓔ Multiple I/O

Ⓐ Easy-access USB

Ⓕ VESA wall-mount bracket

Ⓓ Removable wall-mount bracket

Ⓒ Embedded SD / SIM card slot

Antenna connector Ⓑ

ARM® | Space Saving | Lightweight | Daul HDMI

Key Features

Magnets

Supports Android & Linux OS

HDMI

Dual HDMI for digital signage applications

Multiple mount options (wall, pole, DIN-rail, magnet, VESA)

USM-210

Multimedia Signage Player with 4 x HDMI

- Fanless Intel® J3345 processor
- Superb graphics performance via FHD video
- Easy-access HDD tray for convenient maintenance
- Optional Wi-Fi / 4G module
- Compatible with Advantech WISE-PaaS / Signage CMS SignageCMS and remote management software

Ⓔ Unique wall mount kit

Ⓓ Multiple I/O (4 x HDMI, 2 x USB 2.0)

Ⓒ Easy-access 2.5" HDD tray

Ⓑ Front-facing USB 2.0

Ⓐ COM port

intel | Space Saving | 4K | Rich I/O

Key Features

HDD

USB

Easy access 2.5" HDD tray
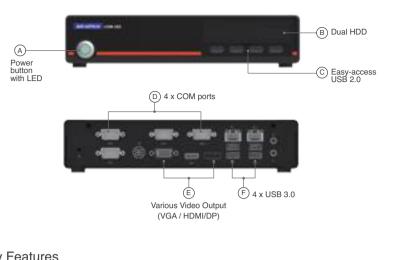
Diverse I/O interface

Supports 4 x Full HD video or 1 x 4K video

USM-260

High-Performance, Multi-Functional Edge Computer

- Intel® Core™ i3-6100TE / i5-6500TE / i7-6700TE processor
- Slim and compact design with a smart fan
- Dual 2.5" HDD for data backups and easy maintenance
- Smart fan for stable, reliable operation

A — Power button with LED
B — Dual HDD
C — Easy-access USB 2.0
D — 4 x COM ports
E — Various Video Output (VGA / HDMI/DP)
F — 4 x USB 3.0

intel | 4K | Space Saving | Easy Access HDD | Rich I/O

Key Features

HDD
USB

Easy-access USB and HDD trays

Multiple I/O interfaces

Supports various installation

UBX-310
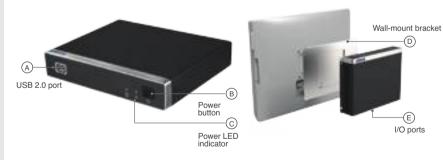
Intelligent, Fanless Edge Computer

- Fanless Intel® Celeron® J1900/Core™ i3 / i5 processor
- Compact and slim design
- Support with Advantech WISE-PaaS / SignageCMS digital signage and Store BI software solutions

A — USB 2.0 port
B — Power button
C — Power LED indicator
D — Wall-mount bracket
E — I/O ports

intel | Space Saving | (fan) | Rich I/O | Windows/Android | Remote Monitoring

Key Features

Slim and lightweight
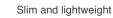
Multiple I/O ports

Front-facing USB for easy maintenance

Memo

iStation for
Smart Campuses

Improving safety in public spaces and saving natural resources are important actions for smart city development. Advantech's iStation for smart campuses integrates IP cameras, wind power generators, atmospheric light, e-Paper, and LCD monitors to enhance the environment and enable intelligent management for public spaces, office buildings, and factories.

Application Scenarios
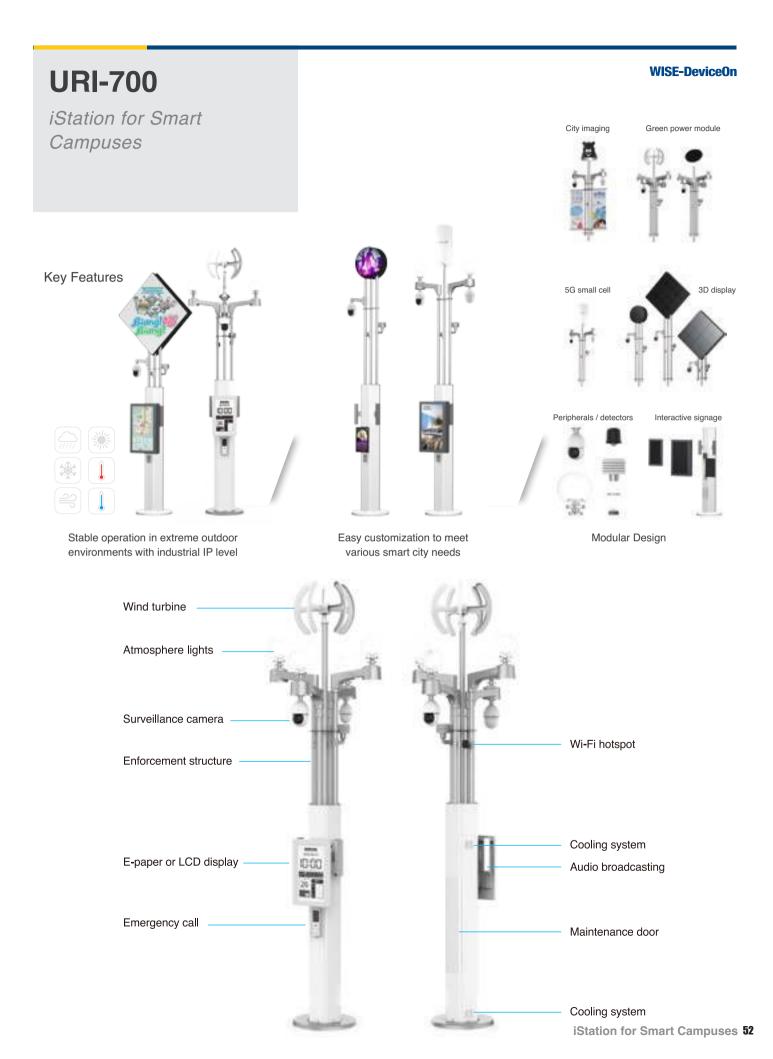
- Smart City Kiosks

- Plaza 3D Display Stations

- City Imaging and Security Stations

URI-700

iStation for Smart Campuses

City imaging   Green power module

5G small cell   3D display

Peripherals / detectors   Interactive signage

Key Features

Stable operation in extreme outdoor environments with industrial IP level

Easy customization to meet various smart city needs

Modular Design

Wind turbine

Atmosphere lights

Surveillance camera

Enforcement structure

Wi-Fi hotspot

E-paper or LCD display

Cooling system

Audio broadcasting

Emergency call

Maintenance door

Cooling system

iCity Services Ordering Guide

Interactive Digital Signage Solution

WISE-PaaS / SignageCMS Edge Players

USM-110UDS	USM-260VAC	DS-980UDS

Solution Name	Part Number	Description
Lite (Android)	USM-110UDS1-G1E-C	Arm® Cortex®-A17, 2 GB RAM, 16 G ROM, Android 6.0, 2 x HDMI display outputs
Standard	USM-210UDS1-G1E-C	Intel® Celeron® J3455 processor, Windows 10, 4 x HDMI display outputs
Pro	DS-980UDS1-G1E-C	Intel® Core™ i7-6700TE, 8G RAM, 500 GB HDD, AMD E8860, Windows 10, 3 x HDMI, and 6 x mini DP (AMD E8860) display outputs

Interactive Package (1 x client player + 1 x interactive package license)

Solution Name	Part Number	Type	Description
Interactive Package	36ASUDSCIP00A1	License	Activation key for IAQ sensors, facial analysis, RFID, and interactive QR codes

WISE-PaaS / SignageCMS Server

Solution Name	Part Number	Type	Description
SignageCMS Server –Software (Standard version)	USM-260UDS-G1E-C	Standalone server	• Pro version with Interactive function supported • Unlimited clients managed
SignageCMS Server –Software (Standard version)	968SPUDSS0	Software license	Unlimited clients managed
SignageCMS Server –Software (Pro version)	968SPUDSS1	Software license	• Pro version with support for interactive functions • Can manage unlimited clients

People Counting and Heatmap Solution

		UCAM-120A-U01	UCAM-130A-U01	USM-260VAC-G1E-C
Part Number		UCAM-120A-U01	UCAM-130A-U01	USM-260VAC-G1E-C
Software	Counting Type	Head detection		Body and face detection
	Software Feature	People counting		Body detection: people counting, heatmaps, dwell time Face detection: people counting, demographics
	Maximum Channels Analyzed	--		2 x Camera sources
WISE-PaaS/I.App	WISE-PaaS / StoreBI Service Public Cloud P/N	32CSUSTCLOUD00 (WISE-PaaS / Store BI public cloud, UCAM license, annual license fee)		32CSVACCLOUD02 (WISE-PaaS / Store BI public cloud video AI counting edge license, annual license fee)
	WISE-PaaS / StoreBI Service Private Cloud P/N	32CSUSTCPRIV00: 25 devices max. 32CSUSTCPRIV01: 50 devices max. 32CSUSTCPRIV02: 300 devices max.		

UTC Series All-in-One Touch Computers

	Product	UTC-110		UTC-115			UTC-120		
	Description	10.1" ubiquitous touch computer		15.6" ubiquitous touch computer			21.5" ubiquitous touch computer		
	Model	UTC-110G	UTC-110Z	UTC-115G	UTC-115H	UTC-115Z	UTC-120G	UTC-120H	UTC-120Z
System	CPU	Intel® Celeron® N3350 / Intel® Pentium® N4200	Qualcomm SDA660	Intel® Celeron® N3450 / Intel® Pentium® N4200	Intel® Core™ i5-8365UE	Qualcomm SDA660	Intel® Celeron® N3450 / Intel® Pentium® N4200	Intel® Core™ i5-8365UE	Qualcomm SDA660
	Cache	2 MB	-	2 MB	6 MB	-	2 MB	6 MB	-
	Memory	1 x 204-pin SODIMM DDR3L 1600 MHz (up to 8 GB)	3 GB / 4 GB (optional)	1 x 204-pin SODIMM DDR3L 1600 MHz (up to 8 GB)	1 x SODIMM DDR4 2133 MHz (up to 16 GB)	3 GB / 4 GB (optional)	1 x 204-pin SODIMM DDR3L 1600 MHz (up to 8 GB)	1 x SODIMM DDR4 2133 MHz (up to 16 GB)	3 GB / 4 GB (optional)
	Storage	M.2 128 GB	eMMC 32GB / 64GB (Optional)	M.2 128 GB	M.2 128 GB	eMMC 32GB / 64GB (Optional)	M.2 128 GB	M.2 128 GB	eMMC 32GB / 64GB (Optional)
	HDD	-	-	1 x 2.5 internal SATA storage		-	1 x 2.5 internal SATA storage		-
Display	Size	10.1" TFT LCD		15.6" HD (FHD optional)			21.5" TFT LCD		
	Max. Resolution	1280 x 800		1366 * 768 (1920 * 1080 optional)			1920 x 1080		
Touch-screen	Type	Projected capacitive		Projected capacitive			Projected capacitive		
		-		-			-		
		-		-			-		
I/O Ports	USB	2 x USB 3.0 2 x USB 3.0 (optional)	2 x USB 3.0 1 x USB Type C	4 x USB 3.0 2 x USB 3.0 (optional)		2 x USB 3.0 1 x USB Type C	4 x USB 3.0 2 x USB 3.0 (optional)		2 x USB 3.0 1 x USB Type C
	COM	1 x RS-232 / 422 / 485		2 x RS-232 COM (COM2 RS-232 / 422 / 485)		1 x RS-232 / 422 / 485	2 x RS-232 COM (COM2 RS-232 / 422 / 485)		1 x RS-232 / 422 / 485
	HDMI / VGA	-	1 * HDMI	1 * HDMI			1 * HDMI		
	Bus Expansion	1 x M.2 key 2230, 1 x M.2 key 2242	-	1 x M.2 key 2230, 1 x M.2 key 2242		-	1 x M.2 key 2230, 1 x M.2 key 2242		-
Network	LAN	2 x Gigabit Ethernet (RJ45)	1 x Gigabit Ethernet (RJ45)	2 x Gigabit Ethernet (RJ45)		1 x Gigabit Ethernet (RJ45)	2 x Gigabit Ethernet (RJ45)		1 x Gigabit Ethernet (RJ45)
OS Support		Win 10 IoT, Linux 18.04, Android 8.1 / 10	Android 8.1 / 10	Win 10 IoT, Linux 18.04, Android 8.1	Win 10 IoT, Linux 18.04	Android 8.1 / 10	Win 10 IoT, Linux 18.04, Android 8.1 / 10	Win 10 IoT, Linux 18.04	Android 8.1 / 10

	Product	UTC-207		UTC-210		UTC-215		UTC-216	
	Description	7" open-frame panel PC		10.1" open-frame panel PC		15.6" open-frame panel PC		15.6" open-frame panel PC	
	Model	UTC-207G		UTC-210G		UTC-215F	UTC-215G	UTC-216F	UTC-216G
System	CPU	Intel® Celeron® N3350	Intel® Pentium® N4200	Intel® Celeron® N3350	Intel® Pentium® N4200	Intel® Core™ i5-6300U	Intel® Pentium® N4200 Intel® Celeron® N3350	Intel® Core™ i5-6300U	Intel® Pentium® N4200 Intel® Celeron® N3350
	Cache	1 MB	2 MB	1 MB	2 MB	3 MB	2 MB	3 MB	2 MB
	Memory	1 x SODIMM DDR3L 1866 MHz (up to 8 GB)		1 x SODIMM DDR3L 1866 MHz (up to 8 GB)		1 x SODIMM DDR4 2133 MHz (up to 16 GB)	1 x SODIMM DDR3L 1866 MHz (up to 8GB)	1 x SODIMM DDR4 2133 MHz (up to 16 GB)	1 x SODIMM DDR3L 1866 MHz (up to 8GB)
	HDD	1 x M.22242 SSD		1 x 2.5 internal SATA storage bay 1 x M.2 2242 SSD		1 x 2.5 internal SATA storage bay		1 x 2.5 internal SATA HDD bay	
Display	Size	7"TFT LCD		10.1" TFT LCD		15.6" TFT LCD		15.6" TFT LCD	
	Max. Resolution	800 x 480		1280 x 800		1024 x 768 (4:3)		1920 x 1080	
Touch-screen	Type	Projected capacitive		Projected capacitive		Projected capacitive		Projected capacitive	
		-		-		Analog Resistive 5-wires		Analog Resistive 5-wires	
		Glass panel		Glass panel		Glass panel		Glass panel	
I/O Ports	USB	2 x USB 3.0 2 x USB 3.0 (optional)		2 x USB 3.0 2 x USB 3.0 (optional)		2 x USB 2.0 4 x USB 3.0		2 x USB 2.0 4 x USB 3.0	2 x USB 2.0 4 x USB 3.0
	COM	2 x RS-232 COM (COM2 RS-232 / 422 / 485)		2 x RS-232 COM (COM2 RS-232 / 422 / 485)		1 x RS-232 1 x RS-232 / 422 / 485		1 x RS-232 1 x RS-232 / 422 / 485	
	HDMI / VGA	-		-		1 x HDMI		1 x HDMI	
	Bus Expansion	1 x M.2 key 2230, 1 x M.2 key 2242		1 x M.2 key 2230, 1 x M.2 key 2242		Full-size mini PCIe / mSATA	1 x M.2 2230 / mSATA	Full-size mini PCIe / mSATA	1 x M.2 2230 / mSATA
Network	LAN	2 x Gigabit Ethernet (supports Wake-on-LAN)		2 x Gigabit Ethernet (supports Wake-on-LAN)		2 x Gigabit Ethernet (RJ45)		2 x Gigabit Ethernet (supports Wake-on-LAN)	
OS Support		Win 10 IoT, Linux 18.04, Android 8.1		Win 10 IoT, Linux 18.04, Android 8.1		Win 10 IoT, WES7 / 8, Linux 16.04	Win 10 IoT, Linux 17.04, Android 8.1	Win 10 IoT, WES7 / 8, Linux 16.04	Win 10 IoT, Linux 18.04, Android 8.1

UTC Series All-in-One Touch Computers

Product		UTC-220		UTC-232		UTC-242	
Description		21.5" open-frame panel PC		31.5" open-frame panel PC		42.5" open-frame panel PC	
Model		UTC-220F	UTC-220G	UTC-232F	UTC-232G	UCT-242F	UCT-242G
System	CPU	Intel® Core™ i5-6300U	Intel® Pentium® N4200	Intel® Core™ i5-6300U	Intel® Pentium® N4200	Intel® Core™ i5-6300U	Intel® Pentium® N4200
	Cache	3 MB	2 MB	3 MB	2 MB	3 MB	2 MB
	Memory	2 x SODIMM DDR3L 1600 MHz (up to 16 GB)	1 x SODIMM DDR3L 1867 MHz	2 x SODIMM DDR3L 1600 MHz (up to 16 GB)	1 x SODIMM DDR3L 1867 MHz	2 x SODIMM DDR3L 1600 MHz (up to 16 GB)	1 x SODIMM DDR3L 1867 MHz
	HDD	1 x 2.5 internal SATA HDD bay		1 x 2.5" internal SATA HDD bay		2 x 2.5" internal SATA HDD bay	1 x 2.5" internal SATA HDD bay
Display	Size	21.5" TFT LCD		31.5" TFT LCD		42.5" TFT LCD	
	Max. Resolution	1920 x 1080		1920 x 1080		1920 x 1080	
Touchscreen	Type	Projected capacitive		Projected capacitive		Projected capacitive Touch Panel	
		Analog 5-wire resistive		-		Mirror glass panel (no touch function)	
		Glass panel		Glass panel		Mirror glass panel (no touch function)	
I/O Ports	USB	2 x USB 2.0 / 2 x USB 3.0		2 x USB 2.0 / 2 x USB 3.0		3 x USB 2.0 / 2 x USB 3.0	
	COM	2 x RS-232 COM (RS-422 / 485 optional)		2 x RS-232 COM (RS-422 / 485 optional)		2 x RS-232 COM (RS-422 / 485 optional)	
	HDMI / VGA	1 x HDMI, 1 x VGA		1 x HDMI, 1 x VGA		1 x VGA 1 x HDMI	
	Bus Expansion	1 x Full-size mini PCIe / mSATA		1 x Full-size mini PCIe / mSATA		1 x Full-size MiniPCIe / mSATA	
Network	LAN	2 x Gigabit Ethernet (supports Wake-on-LAN)		2 x Gigabit Ethernet (supports Wake-on-LAN)		2 x Gigabit Ethernet	
OS Support		Win 10 IoT, WES7 / 8, Linux 16.04	Win 10 IoT, Linux 17.04, Android 8.0	Win 10 IoT, WES7 / 8, Linux 16.04	Win 10 IoT, Linux 17.04, Android 8.1	Win 10 IoT, WES7 / 8, Linux 16.04	Win 10 IoT, Linux 17.04, Android 8.1

Product		UTC-307		UTC-310		UTC-315				
Description		7" ubiquitous touch computer		10.1" ubiquitous touch computer		15.6" ubiquitous touch computer				
Model		UTC-307G		UTC-310G		UTC-315D	UTC-315E	UTC-315F	UTC-315G	UTC-315H
System	CPU	Intel® Celeron® N3350	Intel® Pentium® N4200	Intel® Celeron® N3350	Intel® Pentium® N4200	Intel® Celeron® J1900	Intel® Core™ i5-4300U	Intel® Core™ i5-6300U	Intel® Pentium® N4200	Intel® Core™ i5-8365UE
	Cache	2 MB	2 MB	2 MB	2 MB	2M	3M	3M	3M	3M
	Memory	1 x SODIMM DDR3L 1866 MHz (up to 8 GB)		1 x SODIMM DDR3L 1866 MHz (up to 8 GB)		1 x SODIMM DDR3L 1333 MHz (up to 8 GB)	1 x SODIMM DDR4 2133 MHz (up to 16 GB)	1 x SODIMM DDR3L 1866 MHz (up to 8 GB)	1 x SODIMM DDR4 2133MHZ (up to 16G)	
	HDD	-		1 x 2.5 internal SATA HDD bay		1 x 2.5 internal SATA HDD bay				
Display	Size	7" TFT LCD		10.1" TFT LCD		15.6" TFT LCD				
	Max. Resolution	800 x 480		1280 x 800		1366 x 768 (1920 x 1080 optional)			1920 x 1080	
Touch-screen	Type	Projected capacitive		ProjProjected capacitive		Projected capacitive				
		-		-		Analog 5-wire resistive				
		Glass panel		Glass panel		Glass panel				
I/O Ports	USB	2 x USB 3.0 / 2 x USB 3.0 (optional)		2 x USB 3.0 / 2 x USB 3.0 (optional)		5 x USB 2.0 / 1 x USB 3.0	2 x USB 2.0 / 4 x USB 3.0			6 x USB 3.0
	COM	1 X RS-232, 1X RS-23 2/ 422 / 485				1 x RS-232, 1 x RS-232/422/485				1 x RS-232, 1 x RS-232/485
	HDMI / VGA	-		-		1				
	Bus Expansion	1 x M.2 key 2230 / 1 x M.2 key 2242		1 x M.2 key 2230 / 1 x M.2 key 2242		1 x Full-size mini PCIe / mSATA			1 x M.2 2230 / mSATA	M.2 2242 / M.2 2230
Network	LAN	2 x Gigabit Ethernet (RJ45)		2 x Gigabit Ethernet (RJ45)		2 x Gigabit Ethernet (RJ45)				
OS Support		Win 10 IoT, Linux 18.04 Android 8.1,		Win 10 IoT, Linux 18.04 Android 8.1,		Win 10 IoT, WES7 / 8, Linux 16.04, Android 6.0	Win 10 IoT, WES7 / 8, Linux 16.04	Win 10 IoT, WES7 / 8	Win 10 IoT, Android 8.1	Win 10 IOT Linux Ubuntu 18.04

UTC Series All-in-One Touch Computers

	Product	UTC-318					UTC-320				
	Description	18.5" ubiquitous touch computer					21.5" ubiquitous touch computer				
	Model	UTC-318D	UTC-318E	UTC-318F	UTC-318G	UTC-318H	UTC-320D	UTC-320E	UTC-320F	UTC-320G	UTC-320H
System	CPU	Intel® Celeron® J1900	Intel® Core™ i5-4300U	Intel® Core™ i5-6300U	Intel® Pentium® N4200	Intel® Core™ i5-8365UE	Intel® Celeron® J1900	Intel® Core™ i5-4300U	Intel® Core™ i5-6300U	Intel® Pentium® N4200	Intel® Core™ i5-8365UE
	Cache	2 MB	3 MB	3 MB	2 MB	3 MB	2 MB	3 MB	3 MB	2 MB	3 MB
	Memory	1 x SODIMM DDR3L 1333 MHz (up to 8 GB)	1 x SODIMM DDR4 2133 MHz (up to 16 GB)	1 x SODIMM DDR3L 1866 MHz (up to 8 GB)	1 x SODIMM DDR3L 1866 MHz (up to 8 GB)	1 x SODIMM DDR4 2133MHZ (up to 16G)	1 x SODIMM DDR3L, 1333 MHz (up to 8 GB)	1 x SODIMM DDR4 2133 MHz (up to 16 GB)	1 x SODIMM DDR3L 1866 MHz (up to 8 GB)	1 x SODIMM DDR3L 1866 MHz (up to 8 GB)	1 x SODIMM DDR4 2133MHZ (up to 16G)
	HDD	1 x 2.5" internal SATA HDD bay					1 x 2.5" internal SATA HDD bay				
Display	Size	18.5" TFT LCD					21.5" TFT LCD				
	Max. Resolution	1366 x 768					1920 x 1080				
Touch-screen	Type	Projected capacitive / Analog 5-wire resistive / Glass panel					Projected capacitive / Analog 5-wire resistive / Glass panel				
I/O Ports	USB	5 x USB 2.0 1 x USB 3.0	2 x USB 2.0 4 x USB 3.0			6 x USB3.0	5 x USB 2.0 1 x USB 3.0	2 x USB 2.0 4 x USB 3.0			6 x USB3.0
	COM	1 x RS-232, 1 x RS-232 / 422 / 485				1 x RS-232, 1 x RS-232 / 485	1 x RS-232, 1 x RS-232 / 422 / 485				1 x RS-232, 1 x RS-232 / 485
	HDMI / VGA	1					1				
	Bus Expansion	1 x Full-size mini PCIe / mSATA			1 x M.2 2230 / mSATA	M.2 2242 / M.2 2230	1 x Full-size mini PCIe / mSATA			1 x M.2 2230 / mSATA	M.2 2242 / M.2 2230
Network	LAN	2 x Gigabit Ethernet (RJ45)					2 x Gigabit Ethernet (RJ45)				
	OS Support	Win 10 IoT, WES7 / 8, Linux 16.04, Android 6.0	Win 10 IoT, WES7 / 8, Linux 16.04	Win 10 IoT, WES7 / 8	Win 10 IoT, Android 8.1	Win 10 IoT Linux Ubuntu 18.04	Win 10 IoT, WES7 / 8, Linux 16.04, Android 6.0	Win 10 IoT, WES7 / 8, Linux 16.04	Win 10 IoT, WES7 / 8	Win 10 IoT, WES7 / 8	Win 10 IoT Linux Ubuntu 18.04

	Product	UTC-510			UTC-515			UTC-520			
	Description	10.1" ubiquitous touch computer			15.6" ubiquitous touch computer			21.5" ubiquitous touch computer			
	Model	UTC-510D	UTC-510G	UTC-510D(PoE)	UTC-515E	UTC-515F	UTC-515G	UTC-520E	UTC-520F	UTC-520G	UTC-520H
System	CPU	Intel® Atom™ E382 / Celeron® J1900	Intel® Celeron® N3350 / Pentium® N4200	Intel® Celeron® N2807 / J1900	Intel® Core™ i5-4300U	Intel® Core™ i3-6100U	Intel® Pentium® N4200	Intel® Core™ i5-4300U	Intel® Core™ i5-6300U	Intel® Pentium® N4200	Intel® Core™ i5-8365UE
	Cache	1 MB/2 MB	2 MB	1 MB/2 MB	3 MB	3 MB	2 MB	3 MB	3 MB	2 MB	6M
	Memory	1 x SO-DIMM DDR3L 1066 / 1333 MHz (up to 8GB)	1 x SO-DIMM DDR3L 1866 MHz (up to 8GB)	1 x SO-DIMM DDR3L 1333 MHz (up to 8GB)	2 x SO-DIMM DDR3L 1333 MHz (up to 8 GB)	2 x SO-DIMM DDR4 2133 MHz (up to 16 GB)	1 x SO-DIMM DDR3L 1866 MHz (up to 8GB)	2 x SO-DIMM DDR3L 1333 MHz (up to 8 GB)	2 x SO-DIMM DDR4 2133 MHz (up to 16 GB)	1 x SO-DIMM DDR3L 1866 MHz (up to 8GB)	2x SO-DIMM DDR4 2400 MHz (up to 32G)
	HDD	1 x 2.5" Internal SATA HDD bay			1 x 2.5 internal SATA HDD bay			1 x 2.5 internal SATA HDD bay			
Display	Size	10.1" TFT LCD			15.6" TFT LCD			21.5" TFT LCD			
	Max. Resolution	1280 x 800			1366 x 768 (FHD 1920 x 1080 optional)			1920 x 1080			
Touch-screen	Type	Projected capacitive / - / Glass panel			Projected capacitive / Analog 5-wire resistive / Glass Panel			Projected capacitive / Analog 5-wire resistive / Glass Panel			
I/O Ports	USB	1 x USB 2.0 1 x USB 3.0 2 x USB 2.0 (optional)	2 x USB 3.0 2 x USB 2.0 (optional)	3 x USB 2.0 1 x USB 3.0 1 x USB 2.0 (optional)	2 x USB 2.0 2 x USB 3.0			2 x USB 2.0 2 x USB 3.0			4 x USB3.0
	COM	2 x RS-232 COM (COM1 RS-422 / 485 supported)		2 x RS-232 COM (COM2 RS-422 / 485 supported)	2 x RS-232 COM (RS-422 / 485)			2 x RS-232 COM (RS-422 / 485)			2 x RS-232 COM (RS-422 / 485)
	HDMI / VGA	1 x VGA		1 x HDMI	1 x VGA, 1 x HDMI			1 x VGA, 1 x HDMI			1 x HDMI
	Bus Expansion	1 x Half-size mini PCIe / 1 x Half-size mSATA	1 x Full-size mini PCIe / mSATA, 1 x Half-size mSATA	1 x Full-size mini PCIe / mSATA, 1 x Half-size mini PCIe	1 x Full-size mini PCIe / mSATA		1 x Full-size mini PCIe / M.2	1 x Full-size mini PCIe / mSATA		1 x Full-size mini PCIe / M.2	1 x M.2 E-key 2230 1 x M.2 B-key 2280 (NVMe PCIex2), 3042 LTE module (support USB2.0 only), optional M-key 2280 NVMe PClex4.
Network	LAN	1 x Gigabit Ethernet (RJ45)		2 x Gigabit Ethernet (RJ45)	2 x Gigabit Ethernet (RJ45)			2 x Gigabit Ethernet (RJ45)			
	OS Support	Win 10 IoT, WES7 / 8, Linux 16.04, Android 6.0	Win 10 IoT, Linux 18.04, Android 8.1 / 10	Win 10 IoT, WES7 / 8, Linux 16.04, Android 6.0	Win 10 IoT, WES7 / 8, Linux 16.04	Win 10 IoT, Linux 18.04, Android 10	Win 10 IoT, WES7 / 8, Linux 16.04	Win 10 IoT, WES7 / 8, Linux 16.04	Win 10 IoT, Linux 18.04, Android 10	Win 10 IoT, WES7 / 8, Linux 16.04	Win 10 IoT, Linux 18.04

UTC Series All-in-One Touch Computers

	Product	UTC-520 IP65	UTC-532				UTC-542		
	Description	21.5" ubiquitous touch computer	31.5" ubiquitous touch computer				42.5" ubiquitous touch computer		
	Model	UTC-520F	UTC-532E	UTC-532F	UTC-532G	UTC-532H	UTC-542D	UTC-542F	UTC-542G
System	CPU	Intel® Core™ i5-6300U	Intel® Core™ i5-4300U	Intel® Core™ i5-6300U	Intel® Pentium® N4200	Intel® Core™ i5-8365UE	Intel® Celeron® J1900	Intel® Core™ i5-6300U	Intel® Pentium® N4200
	Cache	3 MB	3 MB	3 MB	2 MB	6M	2 MB	3 MB	2 MB
	Memory	2x SO-DIMM DDR3L 2133 MHz (up to 16G)	1 x 204-pin SODIMM DDR3L 1333 / 1600 MHz (up to 8 GB)	2 x 204-pin SODIMM DDR3L 1600 MHz (up to 16 GB)	1 x 204-pin SODIMM DDR3L 1867 MHz (up to 8 GB)	2x SO-DIMM DDR4 2400 MHz (up to 32G)	1 x 204 pin SODIMM DDR3L 1333 MHz (up to 8 GB)	2 x 204-pin SODIMM DDR3L 1600 Mhz (up to 16 GB)	1 x 204-pin SODIMM DDR3L 1867 MHz (up to 8 GB)
	HDD	1 x 2.5 internal SATA HDD bay	1 x 2.5 internal SATA HDD bay				Dual hot-swappable HDD / SSD slots with RAID 0,1 support		
Display	Size	21.5" TFT LCD	31.5" TFT LCD				42.5" TFT LCD		
	Max. Resolution	1920 x 1080	1920 x 1080				1920 x 1080		
Touch-screen	Type	Projected capacitive	Flat glass with projected capacitive touch function				Projected capacitive		
		Analog 5-wire resistive	-				Mirror glass panel (no touch function)		
		Glass panel	Glass panel (no touch function)				Mirror glass panel (with projected capacitive touch function)		
I/O Ports	USB	2 x USB 2.0 / 2 x USB 3.0	2 x USB 2.0 / 2 x USB 3.0			4 x USB 3.0	4 x USB 2.0 / 1 x USB 3.0	3 x USB 2.0 / 2 x USB 3.0	
	COM	2 x RS-232 COM (RS-422 / 485)	2 x RS-232 COM (RS-422 / 485)				2 x RS-232 COM (RS-422 / 485)		
	HDMI / VGA	1 x HDMI 1x VGA	1 x VGA, 1 x HDMI			1 x HDMI	1 x VGA, 1 x HDMI		
	Bus Expansion	1 x Full-size mini PCIe / mSATA	1 x Full-size mini PCIe / mSATA		1 x Full-size mini PCIe / M.2	1 x M.2 E-key 2230, 1 x M.2 B-key 2280 (NVMe PCIex2), 3042 LTE module (support USB2.0 only), optional M-key 2280 NVMe PCIex4.	1 x Full-size mini PCIe / mSATA		1 x Full-size mini PCIe / M.2
Network	LAN	2 x Gigabit Ethernet (RJ45)	2 x Gigabit Ethernet (RJ45)				2 x Gigabit Ethernet		
	OS Support	Win 10 IoT Enterprise Linux Ubuntu 17.04	Win 10 IoT, WES7 / 8, Linux 16.04		Win 10 IoT, Linux 18.04, Android 10	Win 10 IoT, Linux 18.04	Win 10 IoT, WES7 / 8, Linux 16.04, Android 4.4	Win 10 IoT, WES7 / 8, Linux 16.04	Win 10 IoT, Linux 18.04, Android 10

	Product	UTC-720 series				UTC-750	
	Description	21.5" all-in-one kiosk		31.5" all-in-one kiosk		21.5" all-in-one kiosk	
	Model	UTC-722F	UTC-722G	UTC-723F	UTC-723G	UTC-752F	UTC-752G
System	CPU	Intel® Core™ i5-6300U	Intel® Pentium® N4200	Intel® Core™ i5-6300U	Intel® Pentium® N4200	Intel® Core™ i5-6300U	Intel® Pentium® N4200
	Cache	3 MB	2 MB	3 MB	2 MB	3 MB	2 MB
	Memory	2 x SODIMM DDR3L, 1600 MHz (up to 16 GB)	1 x SODIMM DDR3L 1867 MHz	2 x SODIMM DDR3L, 1600 MHz (up to 16 GB)	1 x SODIMM DDR3L 1867 MHz	2 x SODIMM DDR3L, 1600 MHz (up to 16 GB)	1 x SODIMM DDR3L 1867 MHz
	HDD	1 x 2.5" internal SATA HDD bay				1 x 2.5" internal SATA HDD bay	
Display	Size	21.5" TFT LCD		31.5" TFT LCD		21.5" TFT LCD	
	Max. Resolution	1920 x 1080				1920 x 1080	
Touchscreen	Type	Projected capacitive				Projected capacitive	
		Analog 5-wire resistive				Analog 5-wire resistive	
		Glass panel				Glass panel	
I/O Ports	USB	2 x USB 2.0, 2 x USB 3.0				2 x USB 2.0, 2 x USB 3.0	
	COM	2 x RS-232				2 x RS-232	
	HDMI / VGA	1 x HDMI, 1 x VGA				1 x HDMI, 1 x VGA	
	Bus Expansion	1 x Full-size mini PCIe / mSATA				1 x Full-size mini PCIe / mSATA	
Network	LAN	2 x Gigabit Ethernet (RJ45)				2 x Gigabit Ethernet (RJ45)	
Mounting	VESA	200 x 200 mm / 7.87 x 7.87 in				-	
	OS Support	Win 10 IoT, WES7 / 8, Linux 16.04, Android 6.0	Win 10 IoT, Linux 18.04, Android 8.1	Win 10 IoT, WES7 / 8, Linux 16.04	Win 10 IoT, Linux 18.04, Android 8.1	Win 10 IoT, WES7 / 8, Linux 16.04	Win 10 IoT, Linux 18.04, Android 8.1
	Peripherals	NFC reader, chip and magnetic stripe reader, thermal printer, 1D / 2D barcode scanner					

	Product	UTK-520		UTK-532		UTK-615		UTK-752	
	Description	21.5" ubiquitous touch computer		31.5" all-in-one kiosk		15.6" mini self-service kiosk		21.5" all-in-one kiosk	
	Model	UTK-520F	UTK-520G	UTK-532F	UTK-532G	UTK-615AP	UTK-615DP	UTK-752F	UTK-752G
System	CPU	Intel® Core™ i5-6300U	Intel® Pentium® N4200	Intel® Core™ i5-6300U	Intel® Pentium® N4200	Rockchip ARM Cortex-A17 RK3288	Intel® Baytrail™ J1900	Intel® Core™ i5-6300U	Intel® Pentium® N4200
	Cache	3 MB	2 MB	3 MB	2 MB	-		3 MB	2 MB
	Memory	2 x SODIMM DDR3L 1600 MHz (up to 16 GB)	1 x SODIMM DDR3L 1867 MHz	2 x SODIMM DDR3L 1600 MHz (up to 16 GB)	1 x SODIMM DDR3L 1867 MHz	1 x DDR3L 1333 MHz 2 GB eMMC NAND Flash(8 GB)	1 x DDR3L 1333MHz SO-DIMM (4GB)	2 x SODIMM DDR3L 1867 MHz	1 x SODIMM DDR3L 1867 MHz
	HDD	2 x 2.5 internal SATA HDD bay	1 x 2.5 internal SATA HDD bay	2 x 2.5 internal SATA HDD bay	1 x 2.5 internal SATA HDD bay	-	128 GB SSD	1 x 2.5" internal SATA HDD bay	
Display	Size	21.5" TFT LCD		31.5" TFT LCD		15.6" TFT LCD with LED backlight		21.5" TFT LCD	
	Max. Resolution	1920 x 1080		1920 x 1080		1920 x 1080		1920 x 1080	
Touch-screen	Type	Projected capacitive		Projected capacitive		Projected capacitive		Projected capacitive	
		-		-		Analog 5-wire resistive		Analog 6-wire resistive	
		Glass panel		Glass panel		Glass panel		Glass panel	
I/O Ports	USB	2 x USB 3.0 (1 x occupied by thermal printer) 3 x USB 2.0 (2 x occupied by NFC and barcode scanner)		2 x USB 3.0 (1 x occupied by thermal printer) 3 x USB 2.0 (2 x occupied by NFC and barcode scanner)		1 x micro SD, 1 x SIM, 1 x USB 2.0	2 x USB 2.0 1 x RS-232	2 x USB 2.0, 2 x USB 3.0	
	COM	1 x RS232 COM (optional)		1 x RS232 COM (optional)				2 x RS-232	
	HDMI / VGA	1 x VGA, 1 x HDMI		1 x VGA, 1 x HDMI				1 x HDMI, 1 x VGA	
	Bus Expansion	1 x Full-size mini PCIe / mSATA		1 x Full-size mini PCIe / mSATA				1 x Full-size mini PCIe / mSATA	
Network	LAN	2 x Gigabit Ethernet (RJ45)		2 x Gigabit Ethernet (RJ45)		1 x 10 / 100 / 1000 Mbps		2 x Gigabit Ethernet (RJ45)	
Mounting	VESA	200 x 200 mm / 7.87 x 7.87 in		200 x 200 mm / 7.87 x 7.87 in		Desk/VESA		-	
	OS Support	Win 10 IoT, WES7 / 8, Linux 16.04	Win 10 IoT, Linux 17.04, Android 8.1	Win 10 IoT, WES7 / 8, Linux 16.04	Win 10 IoT, Linux 17.04, Android 8.1	Android 8.1	Win 10 IoT	Win 10 IoT, WES7 / 8, Linux 16.04	Win 10 IoT, Linux 18.04, Android 8.1
	Peripherals	NFC reader, pin pad, chip and magnetic stripe reader, thermal printer, 1D / 2D barcode scanner				RFID / NFC, smart card reader, camera, 2D scanner, thermal printer, LTE+GPS, battery pack		-	

▶ Intelligent Outdoor Kiosk / iStation for Smart Campuses

	Model	UTK-932
	Description	32" customizable outdoor self-service kiosk
System	CPU	Intel® Core™ i7 6600U / i3 6100U
	Base Frequency	2.6 GHz (dual-core) / 2.3 GHz (dual-core)
	L3 Cache	4 MB/3 MB
	Memory	1 x SODIMM DDR4 2133 MHz (up to 16 GB)/ 1 x SODIMM DDR3L 1600 MHz (up to 8 GB)
	HDD	1 x 2.5" SATA HDD bay
	LAN	2 x Gigabit Ethernet
	I/O Ports	4 x RS-232 / 422 / 485, 4 x USB 3.0, 2 x USB 2.0, 8-bit digital I/O, 1 x VGA, 1 x HDMI, 1 x audio line-out, 1 x mic-in
	Stereo Speaker	2 x 8W
	Bus Expansion	2 x Full-size mini PCIe, 1 x full-size mSATA
	Dimensions / Weight	900 x 1750 x 400 mm / 35.43 x 68.89 x 15.74 in 182 kg / 401.24 lb
LCD	Size / Type	32" TFT LCD with LED backlight
	Brightness (cd/m²)	400 min. / 1500 max., auto-dimming, sunlight readable
	Max. Resolution	1920 x 1080
	Coating	AG / AF / UV cut
Touchscreen	Type	Projected capacitive (with 3 mm cover glass)
	Light Transmission	80% ± 2%
Environmental	Operating Temperature	-10~40 °C (32~104 °F)
	Relative Humidity	10~95% @ 40 °C non-condensing
	EMC / Safety	CE, FCC
	Front Panel Protection	IP65
Power Supply	Input	110V
Peripherals	Peripheral modules	RFID/NFC, smart card reader, thermal printer, 1080P camera, 2D QR code scanner, LTE + GPS, custom logo projection light, custom light box
	Sensors	Temperature, proximity, intrusion detection
	Temperature Controls	Active cooling / heating system
OS Support		Win 10 / 8.1 / 7, WES7

	Model	URI-700
	Description	iStation for smart campus
Base Station System	CPU	Intel® Celeron® J1900/Core™ i3 / i5 / i7
	Memory	8~32 GB
	Storage	1 x 2.5" SATA HDD / SSD
	LAN	10 / 100 / 1000 Mbps GbE LAN
	Dimensions (W x H x D)	450 x 5000 x 1526 mm / 17.71 x 196.85 x 60 in
	Weight	350 kg / 771.61 lb
LCD	Size / Type	42" TFT LCD with LED backlight
	Brightness (cd/m²)	400 min. / 1500 max, auto-dimming, sunlight readable
	Max. Resolution	1920 x 1080
Power Supply	Input	110V / 220V
Add-On Modules	Speaker	Water-resistant outdoor broadcast system
	Lighting System	Street Light and Atmosphere Light
	Green Power System	Wind turbine / solar energy system
	Surveillance Camera	IP-based outdoor camera
	Detector	Air quality detector
	Wireless Commuication	LTE router with Wi-Fi hot spot
	3D Display	3D holographic projection
	5G Station	5G small cell
	User Interface	Emergency calling system
	E-Paper	32" e-paper display
	Advertisement	City image / banner / flag
OS Support		Windows 10 , Windows 8.1 , WES7 , Windows 7

UTC Series Peripherals and Installation Accessories

Peripherals	Magnetic Stripe Reader	NFC / RFID Reader	Smart Card Reader	1D / 2D Barcode Reader	5MP Camera Module	Fingerprint Scanner	iBeacon
UTC-510 / 542 Series	■	■	■	■	■	■	
UTC-515 / 520 / 532 Series	■	■	■	■	■	■	■
UTC-300 Series	■	■	■	■	■		
UTC-307 / 310 Series	■	■		■	■		
UTC-100 Series	■	■	■	■	■		

Wall Mount Kit

UTC-WALL-MOUNT1E	UTC-WALL-MOUNT2E	UTC-WALL-MOUNT3E	UTC-WALL-MOUNT4E	UTC-WALL-MOUNT5E

Table Stand

UTC-520 STAND1E	UTC-S03 STANDE	UTC-750 BSTAND1E	UTC-750 single table stand	UTC-510 STAND0E	UTC-W101E

UTC-S01 STAND
UTC-300P-D
UTC-750 WSTAND1E
UTC-750 double table stand
UTK-752 table stand

Floor Stand

UTC-T01 STANDE	UTC-H01 STANDE	UTC-750 BSTAND0E	UTC-750 WSTAND0E	UTC-752GP DFR0E	UTC-single floor stand	UTK floor stand	UTC-F01 STANDE	UTK-752 floor stand

Avalo Family All-in-One Touch Computers

		ARM		X86	
Model		USC-130	USC-160	USC-250	UPOS-211
System	CPU	Rockchip ARM® Cortex®-A17 RK3288 quad-core, up to 1.6 GHz	Rockchip ARM® Cortex®-A17 RK3288 quad-core, up to 1.6 GHz	Skylake-U, i5-6300U / CORE i3-6100U / Celeron 3955U	Intel® Celeron® J1900 / Core i3 / i5
	OS Support	Android 6.0 / 8.1	Android 8.1	POSReady 7, Windows 7 Pro, Windows 8.1Pro(64-bit), Windows 10 IoT Enterprise,	Windows 10 IoT Enterprise, Win 7 / 8 Pro, POSReady 7, Linux Kernel 3.13, Android
	Storage	1 x onboard eMMC 8 GB (up to 16 GB), 1 x micro SD (up to 32 GB)		2 x M.2 2242 SSD	1 x 2.5" SATA HDD / SSD bay / mSATA
Display	Size	11.6" TFT LCD (1366 x 768)	15.6" TFT HD LCD (1366 x 768), 15.6" TFT FHD LCD (1920 x 1080)	15" TFT LCD (1024 x 768)	
	Brightness	250 cd/m²	HD: 220 cd/m², FHD: 300 cd/m²	300 cd/m²	
	Touchscreen	Projected capacitive		P-CAP. Flat Glass	5-wire resistive / P-CAP
External I/O	COM	1 x COM (RS-232 / 485), with optional second COM that supports RS-232 only		4 x COM	2 x COM (up to 5 max.)
	USB	2 x USB 2.0 (up to 4 max.), 1 x USB OTG		4 x USB 3.0 / 2 x USB 2.0 / 2 x Micro USB	UPOS-211D:1 x USB 3.0, 4 x USB 2.0 UPOS-211F:2 x USB 3.0, 3 x USB 2.0
	Output	1 x HDMI		1 x VGA	1 x VGA/DP
	Ethernet	1 x RJ45		2 x RJ45	1 x RJ45
	Cash Drawer	NA		1 x RJ11 (12 / 24V)	
	Audio	1 x Mic-in		1 x Line out	1 x line out, 1 x mic in(optional)
	Speaker	1 x 2W speaker	2 x 2W speaker	2 x 2W speaker	1 x 2W speaker
OS Support Kiosk	Secondary Display	11.6" TFT LCD (Avalo stand) 15.6" TFT LCD (Avalo stand)	11.6" TFT LCD (Avalo stand) 15.6" TFT LCD (Avalo stand)	VFD 10.1" LCD (rear) 11.6" / 15" /1 5.6" LCD(pole)	
	Peripherals	External: MSR, iButton, 1D / 2D barcode scanner Embedded: RFID, camera		MSR / Barcode scanner / RFID / iButton	MSR,MSR + ngerprint scanner, MSR + RFID, MSR + iButton, MSR + IC card reader, barcode scanner
Connectivity		Wi (802.11a / b / g / n / ac) or Bluetooth(4.2)		Wi-Fi (802.11b / g / n) or Bluetooth	
Color		black / white		black / white	orange / black / white
IP Rating		IP65 (front panel)		IP65 (Front Panel)	
Dimensions (H x W x D)		296 x 190 x 35 mm / 11.65 x 7.48 x 1.37 in	384 x 239 x 34 mm / 15.11 x 9.4 x 1.33 in	352 x 276 x 46 mm / 13.85 x 10.86 x 1.81 in	354 x 327 x 237 mm / 13.93 x 12.87 x 9.33 in
Weight		2 kg / 4.4 lb	3.5 kg / 7.71 in	6.9 kg / 15.21 lb	5.2 kg / 11.46 lb

Avalo Family Peripherals and Stands

Peripheral

MSR	MSR + iButton	MSR + RFID	MSR + Fingerprint Scanner

MSR + IC Card Reader	Barcode Scanner	Thermal Printer

ACE H1

URP-PT800

Stand

Avalo	Dual Hinge	Single	Kangaroo	Multifunctional

Avalo Family Touch Computers

Model		UPOS-M15	USC-M3	USC-M6
Display	Type	15" TFT LCD with LED backlight	11.6" TFT LCD with LED backlight	15.6" TFT LCD (16:9)
	Resolution	1024 x 768	1366 x 768	HD: 1366 x 768 / FHD: 1920 x 1080
	Brightness	250 cd/m^2 (400 cd/m^2 optional)	250 cd/m^2	HD: 250 cd/m^2 / FHD: 350 cd/m^2
	Touchscreen	1 x VGA (D-sub 15), 1 x HDMI (optional)		
External I/O	Video in	1 x VGA (D-sub 15), 1 x HDMI (optional)	1 x VGA (D-sub 15), 1 x HDMI (optional)	1 x VGA (D-sub 15), 1 x HDMI (optional)
	Audio in	3.5-mm jack		
	USB	for touch panel		
	DC-In	2-pin power jack	12V power jack	12V power jack
Control Buttons	Power	Power on / off		
	Menu	OSD menu		
	Up	Navigate up		
	Down	Navigate down		
Miscellaneous	Speaker	2 x 2W	2W	2 x 2W
	Mount Options	VESA (75 x 75 mm)		
	Hatch	Right/rear hatch-reserved mounting for optional modules		
	Adapter	12V 25W		
Optional Modules	Side-Mounted Peripherals	MSR	MSR / iButton	External: MSR / iButton, camera Embedded: RFID
Mechanical & Environmental	Case Color	black / white / black + orange	black / white	black / white
	Operation Temperature	0 ~ 40 °C (32 ~ 104 °F)	0 ~ 40 °C (32 ~ 104 °F)	0 ~ 40 °C (32 ~ 104 °F)
	Humility	10 ~ 95% @ 40 °C non-condensing	10 ~ 95% @ 40 °C non-condensing	10 ~ 95% @ 40 °C non-condensing
	EMI / Safety	FCC, CE, CCC, CB, UL, BSMI	FCC, CE, CCC, CB, UL, BSMI	

Memo

Mobile Tablets

		AIM-35	AIM-37	AIM-38
System	Processor	Intel® Atom™ X5-Z8350	Intel® Atom™ X5-Z8350	Intel® Atom™ X7-Z8750
	OS Support	Windows 10 IoT Enterprise, Android 6.0	Windows 10 IoT Enterprise, Android 6.0	Windows 10 IoT Enterprise, Android 6.0
	Memory	2 GB / 4 GB	2 GB / 4 GB	4 GB
Storage		32 GB / 64 GB	32 GB / 64 GB	64 GB(default)
Display	Size / Type	8" IPS TFT color LCD	10" IPS TFT color LCD	10" IPS TFT color LCD
	Glass Type	Corning® Gorilla® Glass 3 (directly bonded)	Corning® Gorilla® Glass 3 (directly bonded)	Corning® Gorilla® Glass 3 (directly bonded)
	Resolution	WXGA (1200 x 1920)	WXGA (1280 x 800)	FHD LCD (1920 x 1200)
	Brightness	400 cd/m^2	350 cd/m^2	380 cd/m^2 (800 cd/m^2 optional)
	Touchscreen	10-point capacitive multi-touch with glove mode	10-point capacitive multi-touch with glove mode	10-point capacitive multi-touch with glove mode
External I/O		1 x micro SD (up to 128 GB), 1 x micro USB 3.0 (OTG), 1 x micro HDMI, 1 x AIM dock 16-pin pogo connector, 1 x AIM extension 14-pin pogo connector	1 x micro SD (up to 128 GB), 1 x micro USB 2.0 (OTG), 1 x 6-pin pogo connector (with USB 2.0 and DC in), 1 x Kensington lock	1 x USB 3.0, 1 x micro HDMI, 1 x micro SD + SIM slot, 1 x AIM dock 16-pin pogo connector, 1 x AIM extension 14-pin pogo connector, 1 x DC-in jack
Function Buttons		1 x power button, 1 x programmable function button, 2 x volume control buttons	1 x power button, 1 x programmable function button, 2 x volume control buttons (optional)	1 x power button, 1 x programmable function button, 2 x volume control buttons
Communica-tion	WLAN	Internal 802.11 a / b / g / n (ac is optional)	Internal 802.11 a / b / g / n (ac is optional)	Internal 802.11 a / b / g / n / ac
	Bluetooth	Bluetooth 4.0 BLE	Bluetooth 4.0 BLE	Bluetooth 4.0 BLE
	GPS	AGPS, GNSS (optional)	-	BeiDou (optional)
	WWAN	Internal 4G / 3G mode (optional)	-	Internal 4G / 3G mode (optional)
	NFC	13.56 MHz, ISO 14443 type A / B, ISO / IEC 15693, MIFARE, FeliCa	13.56 MHz, ISO 14443 type A / B, ISO / IEC 15693, MIFARE, FeliCa	13.56 MHz, ISO 14443 type A / B, ISO / IEC 15693, MIFARE, FeliCa
	MSR	3-track MSR (optional)	3-track MSR (optional)	3-track MSR (optional)
	IC Card Reader	-	5 V smart card (optional)	-
Color		black / orange	black / orange	black
Battery		5060 mAh	7900 mAh	26 WHr Hot-Swappable with capacity LED indicators
Dimensions (H x W x D)		142 x 239 x 14.5 mm / 5.59 x 9.4 x 0.57 in	290 x 176 x 17.4 mm / 11.41 x 6.92 x 0.68 in	280 x 180.1 x 18.3 mm / 11.02 x 7.09 x 0.72 in
Weight		600 g / 1.32 lb	900 g / 1.98 lb	980 g / 2.16 lb

MPOS/Tablet Peripherals

Model	AIM-P521(A0 / B0)	AIM-EXTO-0046	AIM-BAT0-0252	AIM-P521(A0 / B0)
Description	20 degree 2D barcode scanner • Color: black • Dimensions: 130.2 x 38.7 x 27.8 mm / 5.12 x 1.52 x 1.09 in • Weight: 0.042 kg / 0.092 lb	LAN + COM module • Color: black • Dimensions: 130.2 x 70 x 29 mm / 5.12 x 2.75 x 1.14 in • Weight: 0.078 kg / 0.17 lb	Battery with meter (1 pcs) • Color: black • Dimensions: 98 x 84.5 x 6.5 mm / 3.85 x 3.32 x 0.25 in • Weight 0.104 kg / 0.22 lb	MSR + barcode scanner module • Color: black • Dimensions: 79 x 64.4 x 41.1 mm / 3.11 x 2.53 x 1.61 in • Weight: 0.1 kg / 0.22 lb
Applicable Products	AIM-35	AIM-35	AIM-35	AIM-35

Model	AIM-P508 / P708	AIM-P505	AIM-P705
Description	Basic charger	6-in-1 multi-bay charging station	10-in-1 multi-bay charging station
LED Indicator	Orange (LED light emitted when tablet is docked)	Orange (LED light emitted when tablets are docked)	Orange (LED light emitted when tablets are docked)
Charge Method	Via pogo pin	Via pogo pin	Via pogo pin
Max. Charging Power	5V / 3A	5V / 3A	5V / 3A
Max. Tablet Thickness	34 mm / 1.33 in	34 mm / 1.33 in	34 mm / 1.33 in
Dimensions	180 x 140 x 120 mm / 7.08 x 5.51 x 4.72 in (charger only) 180 x 290 x 250 mm / 7.08 x 11.41 x 9.84 in (with tablet)	373.6 x 250 x 126 mm / 14.7 x 9.84 x 4.96 in (charger only) 373.6 x 250 x 247 mm / 14.7 x 9.84 x 9.72 in (with tablet)	374.4 x 251.5 x 133.6 mm / 14.74 x 9.9 x 5.25 in (charger only) 374.4 x 293.6 x 254.5 mm / 14.74 x 11.55 x 10 in (with tablet)
Power Supply	110 ~ 250 V$_{AC}$, 240W	110 ~ 250 V$_{AC}$, 240W	110 ~ 250 V$_{AC}$, 240W
Applicable Products	AIM-35 / 37	AIM-35	AIM-37

Mobile POS System

Model		MPOS-370
System	CPU	Intel® Atom ™ X5-Z8350
	OS Support	Windows 10 IoT Enterprise, Android 6.0
	Memory	2 GB / 4 GB
Storage		32 GB / 64 GB
Display	Size / Resolution	10" IPS TFT LCD panel / WXGA (1200 x 1920)
	Brightness	350 cd/m²
	Touchscreen	Corning® Gorilla® Glass 3 with 10-point capacitive multi-touch and glove mode
External I/O		1 x micro USB 2.0 (OTG), 1 x 6-pin pogo connector (with USB 2.0 and DC in), 1 x Kensington lock, 1 x micro SIM (optional), 2 x USB 2.0 (type A), 2 x COM (RJ48), 1 x cash drawer (RJ11)
Function Buttons		1 x power button, 1 x programmable function button, 2 x volume control / open door / feed paper buttons (optional)
Communication	WLAN	Internal 802.11 a / b / g / n (ac optional)
	Bluetooth	Bluetooth 4.0 BLE
	GPS	AGPS, GNSS (optional)
	WWAN	Internal 4G / 3G mode (optional)
	NFC	-
	MSR	3-track MSR
	IC Card Reader	5 V smart card
Color		black + orange
Battery		7900 mAh
Dimensions		Tablet: 290 x 176 x 17.4 mm / 11.41 x 6.92 x 0.68 in Cradle: 151 x 152 x 318 mm / 5.94 x 5.98 x 12.51 in
Weight		Tablet: 900 g / 1.98 lb Cradle: 2 kg / 4.4 lb

Model		AIM-P701A0	AIM-P701B0	AIM-P701C0	AIM-P701D0
Description		Printer cradle	Printer cradle	Printer cradle	Printer cradle
Swivel Range		180° rotational	180° rotational	180° rotational	180° rotational
Pogo Pin		USB 2.0 5 V / 3A charger	USB 2.0 5 V / 3A charger	USB 2.0 5 V / 3A charger	USB 2.0 5 V / 3A charger
Thermal Printer	Paper Width	80 / 58 mm 3.14 / 2.28 in	N/A	80 / 58 mm 3.14 / 2.28 in	80 / 58 mm 3.14 / 2.28 in
	Paper Roll	70 mm / 2.75 in diameter	N/A	70 mm / 2.75 in diameter	70 mm / 2.75 in diameter
	Printing Speed	200 mm / sec	N/A	200 mm / sec	200 mm / sec
	Paper Cutter	Auto cut	N/A	Auto cut	Auto cut
	Buttons	Open door, feed paper	N/A	Open door, feed paper	Open door, feed paper
	LEDs	Power, error indicators	N/A	Power, error indicators	Power, error indicators
I/O Ports		1 x DC-in, 2 x USB 2.0 (type A), 2 x COM (RJ48), 1 x cash drawer (RJ11)	1 x DC-in, 2 x USB 2.0 (type A), 2 x COM (RJ48), 1 x cash drawer (RJ11)	1 x DC-in, 2 x USB 2.0 (type A), 2 x COM (RJ48), 1 x cash drawer (RJ11)	1 x DC-in, 2 x USB 2.0 (type A), 2 x COM (RJ48), 1 x cash drawer (RJ11)
Dimensions		151 x 152 x 318 mm / 5.94 x 5.98 x 12.51 in	151 x 152 x 318 mm / 5.94 x 5.98 x 12.51 in	151 x 152 x 318 mm / 5.94 x 5.98 x 12.51 in	151 x 152 x 318 mm / 5.94 x 5.98 x 12.51 in
Operating Temperature		0~40 ℃ / 32~104 ℉	0~40 ℃ / 32~104 ℉	0~40 ℃ / 32~104 ℉	0~40 ℃ / 32~104 ℉
Storage Temperature		-10~60 ℃ / 14~140 ℉	-10~60 ℃ / 14~140 ℉	-10~60 ℃ / 14~140 ℉	-10~60 ℃ / 14~140 ℉
Operating Humidity		5~95%, non-condensing	5~95%, non-condensing	5~95%, non-condensing	5~95%, non-condensing
Applicable Products		AIM-37	AIM-37	AIM-37	AIM-37
WIFI/BT		N/A	N/A	WIFI Support	BT Support

MPOS/Tablet Peripherals

Hand / Shoulder Strap		Wall Mount Kit	
AIM-35	AIM-37	AIM-35	AIM-37

| M-SRP0-0000 Scope | AIM-SRP0-0001 | AIM-P702 | AIM-P503 | AIM-P703 |

Model	AIM-P704	AIM-P511A0	AIM-EXTO-0046	AIM-BAT0-0252
Description	Active stylus	20 degree 2D barcode scanner • Color: black • Dimensions: 130.2 x 38.7 x 27.8 mm / 5.12 x 1.52 x 1.09 in • Weight: 0.042 kg / 0.092 lb	LAN + COM module • Color: black • Dimensions: 130.2 x 70 x 29 mm / 5.12 x 2.75 x 1.14 in • Weight: 0.078 kg / 0.17 lb	Battery with meter (1 pcs) • Color: black • Dimensions: 98 x 84.5 x 6.5 mm / 3.85 x 3.32 x 0.25 in • Weight 0.104 kg / 0.22 lb
Applicable Products	AIM-35 / 37	AIM-35	AIM-35	AIM-35

Intelligent POS / Box PCs

	Model	USM-110	USM-210	UBX-310		USM-260
				UBX-310D	UBX-310F	USM-260
System	Processor	Rockchip ARM® Cortex®-A17 quad-core	Intel® Celeron® J3455	Intel® Celeron® J1900	Intel® Core™ i3-6100U / i5-6300U	Intel® Celeron® G3900TE / Pentium® G4400TE / i3-6100TE / i5-6500TE / i7-6700TE
	OS Support	Android 6 / 8.1	Windows 10 IoT Enterprise	Windows 10 IoT Enterprise, Win 7, POSReady 7		Windows 10 IoT Enterprise, Win 7, POSReady 7
Memory		2 GB	8 GB	8 GB	16 GB	32 GB
Storage	HDD	1 x on board eMMC 16G SATA HDD / SSD bay	1 x 2.5" SATA HDD / SSD bay	1 x 2.5" SATA HDD / SSD bay		2 x 2.5" SATA HDD / SSD bay
	mSATA	-	-	1	1	1 x Full-size mSATA
Display	Max. Resolution	3840 x 2160 @ 60 HZ	3840 x 2160@ 30 Hz	1920 x 1200 @ 60 Hz	4096x2304@ 24 Hz	4096 x 2160 @ 24 Hz
External I/O	Serial Port	1 x COM	2 x COM	3 x COM	4 x COM	2 x COM (4 x COM for optional)
	USB Port	4 x USB 2.0, 1 x USB OTG	2 x USB 3.0, 2 x USB 2.0	5 x USB 2.0	4 x USB 3.0, 3 x USB 2.0	4 x USB 3.0, 4 x USB 2.0 (Optional)
	Output	2 x HDMI	4 x HDMI	1 x VGA, 1 x HDMI	1 x VGA, 1 x HDMI	1 x VGA / DP/HDMI
	Ethernet	1 x RJ45	2 x RJ45	1 x RJ45	2 x RJ45	2 x RJ45
	Power Input (V)	12V	19V	12V	12V	19V
	Audio	1 x Line-out	1 x Line-out, 1 x Mic-in	1 x Line-out, 1 x Mic-in		1 x Line-out, 1 x Mic-in
	Printer Port	-	-	1 x LPT	-	-
	Others	2 x LED Inndicators, 1 x SD Slot	2 x Antenna hole	-	-	-
Extension		1 x mini PCIE (3G / 4G) / 1 x M.2 (Wi-Fi)	1 x M.2 Ekey 2230 for wifi 1 x M.2 Bkey 2280 / 3042 for storage or 4G	1 x mini PCIE	2 x mini PCIE	1 F / S miniPCIe support mSATA; 1 H / S miniPCIe support PCIe / USB device
Optional Modules	Peripherals	-	Yes	10.1 / 15" TFT LCD (touch / non-touch) cash drawer / printer		Yes
Mounting	Mount Options	Wall, pole, Din-rail, magnet, VESA	Wall	Stand, wall, pole		VESA, wall, desktop
Color		black	black	black		black
Dimensions		156 x 112 x 28 mm / 6.14 x 4.4 x 1.1 in	230 x 155 x 38 mm / 9.05 x 6.1 x 1.49 in	245 x 185 x 45 mm / 9.64 x 7.28 x 1.77 in		240 x 210 x 57mm / 9.44 x 8.26 x 2.24 in
Weight		0.43 kg / 0.94 lb	1.6 kg / 3.52 lb	2 kg / 4.4 lb		2.3 kg / 5.07 lb

Memo