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
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## Worldwide Offices

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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.
A New Era for Smart City

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

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

Store Management
By collecting cross-store performance data, management can set performance benchmarks to enhance overall productivity.
Intelligent City Services
IoT Platform
Provide Industrial IoT Independence and Flexibility
All-in-One Touch Computers

Intelligent City Services IoT Platform

People Counting

Store Heatmap

Facial Recognition

Visit Counts Today: 1
Duration: 2min 1sec
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

Intelligent City Services IoT Platform
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-PaaS/EnsaaS
  - Cloud Foundry
  - Kubernetes
  - Public Cloud

- **Edge.SRP**
  - People Counting
  - Heatmap
  - Facial Recognition
  - Interactive Digital Signage

- **Edge Intelligence**
  - WISE-PaaS/VideoSense
  - WISE-DeviceOn

- **Customer Analysis**
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
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.

SOFTWARE FEATURES

SYSTEM ARCHITECTURE
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

Counting by Face Detection
Counting by Body Detection
Queuing by Body Detection
Heatmap by Body Detection

Industrial App

WISE-PaaS/StoreBI
Store BI Services

WISE-PaaS/Dashboard
Store Traffic Dashboard

WISE-PaaS/SaaS Composer
Store Heatmap Dashboard

WISE-PaaS/AM

Edge Computing

Human Head Detection
UCAM-2D
UCAM-3D

Human Body Detection

Face Detection
USM-260VAC

Data & Service Integration & Transformation (WISE-PaaS Connected)
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
Industrial-Grade Box PCs
Interactive Self-Service Outdoor Kiosk
Mobile Tablet Devices
Mobile POS System
Industrial-Grade Box PCs
Interactive Self-Service Outdoor Kiosk
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
- Retail O2O Terminals
- Kitchen Display Systems
- Mall Wayfinding Kiosks
- Supermarket Interactive Terminals
- 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

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### 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-503 STANDE
- UTC-750 BSTAND1E
- UTC-750 single table stand
- UTC-750 BSTAND1E
- UTC-750 double table stand
- UTC-750 table stand
- UTC-510 STAND0E
- UTC-W101E

#### Floor Stand
- UTC-701 STANDE
- UTC-701 STANDE
- UTC-750 BSTAND0E
- UTC-750 WSTAND0E
- UTC-750P DF80E
- UTC-single floor stand
- UTK floor stand
- UTC-F01 STANDE
- UTC-752 floor stand
UTC-100 Series
10.1~23.8” Ultra-Thin, Lightweight, All-in-One Touch Computer

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.

UTC-100 Series 10.1~23.8” Ultra-Thin, Lightweight, All-in-One Touch Computer

OS Support

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

- Dual system architecture
- Clean form and lines with no visible screws
- 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
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

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

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.

Color Options: White Black
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

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

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

Key Features

- Removable frame design for flexible installation
- Easy-access storage slot
- Green and red LED indicators (optional)

- Easy-access HDD / SSD slot for convenient maintenance
- Built-in 2D barcode reader (optional)
- Green and red LED indicators (optional)

- 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

- 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.

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

- 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.

- Supports Advantech WISE-PaaS / DeviceOn remote management software

- 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.

- Excellent Performance with Low Power Consumption
- Rugged and Durable Touchscreen
- Expandable for a Wide Range of Applications

Supports Advantech WISE-PaaS / DeviceOn remote management software
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 50°C wide operating temperature
- M12 waterproof connector
- WiFi / 4G connectivity module with dual waterproof antenna (optional)

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

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

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

Swappable dual HDD/SSD slots for easy updates
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

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
UTK-500 Series
21.5 / 31.5” Modular, All-in-One Self-Service Kiosk

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.

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.

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

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

- 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

1 PLACE
2 CONFIRM
3 PAY
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 Intel® 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

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
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

Colorful Customized LED
Attracting attention and Stimulating consumption

Diversified Payment
• EMV Reader
• NFC Payment
• QR Code Payment
• Face Scan Payment

Software Application(Optional)
• Customer Relationship Management by facial recognition
• Ordering Voice Guidance

Easy for installation with standard VESA
Desktop, wall mount

Built in Hot Swappable Battery
Suitable for mobile application with wireless surface

Modular Design
Saving development costs with Rapid customization

VISA • NFC • JCB • EMV Reader • NFC Payment • QR Code Payment • Face Scan Payment

 indoor 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
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

** 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

** 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

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**Key Features**

- Touchscreen supports gloved operation
- Supports EMV-certified payment modules
- Supports diverse modular peripherals

- Directly bonded touchscreen for enhanced visibility
- Built-in MSR and 1D / 2D barcode scanner
- Supports Android and Windows OS

- Hot-swappable battery design
- High-brightness and directly bonded touchscreen
- Supports diverse modular peripherals
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

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
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
- 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
- Adjustable shoulder strap
Single and Multi-Bay Charging Cradle

- Guide pins for easy docking
- Automatic charging via pogo pin connector
- 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
- 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

Avalo Family

**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.

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)

Kangaroo/Kangaroo mini
- Payment module
- Top cover
- Avalo tube
- Avalo stand
- Extension pole
- Barcode scanner

Customizable Stand for Self-Service Applications

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

**Key Features**

- Optional built-in camera and RFID
- 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

**Key Features**

- Modularized design for flexible configuration
- 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

**Key Features**

- Supports secondary displays
- Easy-access USB ports
- Dual-hinge stand design

**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

**Key Features**

- Can be combined with box PCs for POS applications
- Supports wall, panel, and VESA mounting
- 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

**Key Features**

- True-flat 16:9 widescreen display
- Multiple I/O
- Foldable dual-hinge stand
- Small footprint stand
- Add-on peripheral connector (MSR / IC card reader)

- Foldable dual-hinge stand
- Unique mount frame attachment supports peripheral integration
- Cost-effective and low-power design
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

**Key Features**

- Supports 4 x Full HD video or 1 x 4K video
- Dual HDMI for digital signage applications
- Easy access 2.5” HDD tray
- 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

**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

**Key Features**

- Easy access 2.5” HDD tray
- Diverse I/O interface
- Supports 4 x Full HD video or 1 x 4K video
- 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
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

Key Features
- Slim and lightweight
- Multiple I/O ports
- Front-facing USB for easy maintenance

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

Key Features
- Front-facing USB for easy maintenance
- Multiple I/O ports
- Slim and lightweight

Various Video Output (VGA / HDMI/DP)
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

Key Features

- Stable operation in extreme outdoor environments with industrial IP level
- Easy customization to meet various smart city needs
- Modular Design

Features:

- Wind turbine
- Atmosphere lights
- Surveillance camera
- Enforcement structure
- E-paper or LCD display
- Emergency call
- Wi-Fi hotspot
- 5G small cell
- 3D display
- Peripherals / detectors
- Interactive signage
- Cooling system
- Audio broadcasting
- Maintenance door
## Interactive Digital Signage Solution

**WISE-PaaS / SignageCMS Edge Players**

<table>
<thead>
<tr>
<th>Solution Name</th>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lite (Android)</td>
<td>USM-110UDS1-G1E-C</td>
<td>Arm® Cortex®-A17, 2 GB RAM, 16 G ROM, Android 6.0, 2 x HDMI display outputs</td>
</tr>
<tr>
<td>Standard</td>
<td>USM-210UDS1-G1E-C</td>
<td>Intel® Celeron® J3455 processor, Windows 10, 4 x HDMI display outputs</td>
</tr>
<tr>
<td>Pro</td>
<td>DS-980UDS1-G1E-C</td>
<td>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</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Solution Name</th>
<th>Part Number</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interactive Package</td>
<td>36ASUDSCIP00A1</td>
<td>License</td>
<td>Activation key for IAQ sensors, facial analysis, RFID, and interactive QR codes</td>
</tr>
</tbody>
</table>

**WISE-PaaS / SignageCMS Server**

<table>
<thead>
<tr>
<th>Solution Name</th>
<th>Part Number</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SignageCMS Server –Software (Standard version)</td>
<td>USM-260UDS-G1E-C</td>
<td>Standalone server</td>
<td>• Pro version with Interactive function supported • Unlimited clients managed</td>
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<tr>
<td>SignageCMS Server –Software (Standard version)</td>
<td>968SPUDSS0</td>
<td>Software license</td>
<td>Unlimited clients managed</td>
</tr>
<tr>
<td>SignageCMS Server –Software (Pro version)</td>
<td>968SPUDSS1</td>
<td>Software license</td>
<td>• Pro version with support for interactive functions • Can manage unlimited clients</td>
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</tbody>
</table>
# People Counting and Heatmap Solution

<table>
<thead>
<tr>
<th>Part Number</th>
<th>UCAM-120A-U01</th>
<th>UCAM-130A-U01</th>
<th>USM-260VAC-G1E-C</th>
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<tbody>
<tr>
<td><strong>Software</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Counting Type</td>
<td>Head detection</td>
<td></td>
<td>Body and face detection</td>
</tr>
<tr>
<td>Software Feature</td>
<td></td>
<td>People counting</td>
<td>Body detection: people counting, heatmaps, dwell time</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Face detection: people counting, demographics</td>
</tr>
<tr>
<td>Maximum Channels Analyzed</td>
<td>--</td>
<td></td>
<td>2 x Camera sources</td>
</tr>
<tr>
<td><strong>WISE-PaaS/I.App</strong></td>
<td>WISE-PaaS / StoreBI Service Public Cloud P/N</td>
<td>32CSUSTCLOUD00 (WISE-PaaS / Store BI public cloud, UCAM license, annual license fee)</td>
<td>32CSVACCLUD02 (WISE-PaaS / Store BI public cloud video AI counting edge license, annual license fee)</td>
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<tr>
<td>WISE-PaaS / StoreBI Service Private Cloud P/N</td>
<td>32CSUSTCPRIV00: 25 devices max.</td>
<td>32CSUSTCPRIV01: 50 devices max.</td>
<td>32CSUSTCPRIV02: 300 devices max.</td>
</tr>
</tbody>
</table>
# UTC Series All-in-One Touch Computers

<table>
<thead>
<tr>
<th>Model</th>
<th>UTC-110G</th>
<th>UTC-110Z</th>
<th>UTC-115G</th>
<th>UTC-115H</th>
<th>UTC-115Z</th>
<th>UTC-120G</th>
<th>UTC-120H</th>
<th>UTC-120Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU</td>
<td>Intel® Celeron® N3350 / Intel® Pentium® N4200</td>
<td>Qualcomm SD660</td>
<td>Intel® Celeron® N3350 / Intel® Pentium® N4200</td>
<td>Intel® Core™ i5-4300U</td>
<td>Qualcomm SD660</td>
<td>Intel® Celeron® N3350 / Intel® Pentium® N4200</td>
<td>Intel® Core™ i5-8350U</td>
<td>Qualcomm SD660</td>
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<tr>
<td>Cache</td>
<td>2 MB</td>
<td>2 MB</td>
<td>2 MB</td>
<td>2 MB</td>
<td>2 MB</td>
<td>2 MB</td>
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<tr>
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<td>1 x SO DIMM DDR4 2133 MHz (up to 16 GB)</td>
<td>1 x SO DIMM DDR4 2133 MHz (up to 16 GB)</td>
<td>1 x SO DIMM DDR4 2133 MHz (up to 16 GB)</td>
<td>1 x SO DIMM DDR4 2133 MHz (up to 16 GB)</td>
<td>1 x SO DIMM DDR4 2133 MHz (up to 16 GB)</td>
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<td>Storage</td>
<td>M.2 128 GB</td>
<td>eMMC 32/64 GB (Optional)</td>
<td>M.2 128 GB</td>
<td>M.2 128 GB</td>
<td>M.2 128 GB</td>
<td>M.2 128 GB</td>
<td>M.2 128 GB</td>
<td>M.2 128 GB</td>
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<td>System</td>
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<td></td>
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<tr>
<td>Display</td>
<td>10.1” TFT LCD</td>
<td>15.6” HD (FHD optional)</td>
<td>21.5” TFT LCD</td>
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</tr>
<tr>
<td>Max. Resolution</td>
<td>1290 x 800</td>
<td>1366 x 768 (1920 x 1080 optional)</td>
<td>1920 x 1080</td>
<td></td>
<td></td>
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<tr>
<td>Touch-screen</td>
<td>Projected capacitive</td>
<td>Projected capacitive</td>
<td>Projected capacitive</td>
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<tr>
<td>I/O Ports</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>USB</td>
<td>2 x USB 3.0</td>
<td>2 x USB 3.0 (optional)</td>
<td>2 x USB 3.0</td>
<td>2 x USB 3.0</td>
<td>2 x USB 3.0</td>
<td>2 x USB 3.0</td>
<td>2 x USB 3.0</td>
<td>2 x USB 3.0</td>
</tr>
<tr>
<td>Network</td>
<td>1 x Gigabit Ethernet (RJ45)</td>
<td>2 x Gigabit Ethernet (RJ45)</td>
<td>1 x Gigabit Ethernet (RJ45)</td>
<td>2 x Gigabit Ethernet (RJ45)</td>
<td>2 x Gigabit Ethernet (RJ45)</td>
<td>1 x Gigabit Ethernet (RJ45)</td>
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<table>
<thead>
<tr>
<th>Model</th>
<th>UTC-207G</th>
<th>UTC-210G</th>
<th>UTC-215G</th>
<th>UTC-216G</th>
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<tbody>
<tr>
<td>CPU</td>
<td>Intel® Celeron® N3350</td>
<td>Intel® Pentium® N4200</td>
<td>Intel® Celeron® N3350</td>
<td>Intel® Pentium® N4200</td>
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<tr>
<td>Cache</td>
<td>1 MB</td>
<td>2 MB</td>
<td>1 MB</td>
<td>2 MB</td>
</tr>
<tr>
<td>Memory</td>
<td>1 x SO DIMM DDR3L 1866 MHz (up to 8 GB)</td>
<td>1 x SO DIMM DDR3L 1866 MHz (up to 8 GB)</td>
<td>1 x SO DIMM DDR3L 1866 MHz (up to 8 GB)</td>
<td>1 x SO DIMM DDR3L 1866 MHz (up to 8 GB)</td>
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<tr>
<td>HDD</td>
<td>1 x M.22242 SSD</td>
<td>1 x 2.5 internal SATA storage bay</td>
<td>1 x M.22242 SSD</td>
<td>1 x 2.5 internal SATA storage bay</td>
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<tr>
<td>Display</td>
<td>7” TFT LCD</td>
<td>10.1” TFT LCD</td>
<td>15.6” TFT LCD</td>
<td>15.6” TFT LCD</td>
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<tr>
<td>Max. Resolution</td>
<td>800 x 480</td>
<td>800 x 480</td>
<td>1024 x 768 (4:3)</td>
<td>1920 x 1080</td>
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<tr>
<td>Touch-screen</td>
<td>Projected capacitive</td>
<td>Projected capacitive</td>
<td>Projected capacitive</td>
<td>Projected capacitive</td>
</tr>
<tr>
<td>I/O Ports</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USB</td>
<td>2 x USB 3.0</td>
<td>2 x USB 3.0 (optional)</td>
<td>2 x USB 3.0</td>
<td>2 x USB 3.0</td>
</tr>
<tr>
<td>Network</td>
<td>1 x Gigabit Ethernet (supports Wake-on-LAN)</td>
<td>2 x Gigabit Ethernet (supports Wake-on-LAN)</td>
<td>2 x Gigabit Ethernet (RJ45)</td>
<td>2 x Gigabit Ethernet (supports Wake-on-LAN)</td>
</tr>
</tbody>
</table>
## UTC Series All-in-One Touch Computers

### UTC-220
- **Description:** 21.5” open-frame panel PC
- **CPU:** Intel® Core™ i5-6300U
- **Cache:** 3 MB
- **Memory:** 2 x SODIMM DDR3L (1600 MHz up to 16 GB)
- **HDD:** 1 x 2.5” internal SATA HDD bay
- **Display:** 21.5” TFT LCD
- **Touchscreen:** Projected capacitive
- **Network:** LAN (1 x 2.5 Gbit/s)
- **OS Support:** Win 10 IoT, Win 10 IoT, Linux Ubuntu 18.04

### UTC-223
- **Description:** 31.5” open-frame panel PC
- **CPU:** Intel® Core™ i5-6300U
- **Cache:** 3 MB
- **Memory:** 2 x SODIMM DDR3L (1600 MHz up to 16 GB)
- **HDD:** 2 x 2.5” internal SATA HDD bay
- **Display:** 31.5” TFT LCD
- **Touchscreen:** Projected capacitive
- **Network:** LAN (1 x 10/100 Mbit/s)
- **OS Support:** Win 10 IoT, Win 10 IoT, Linux Ubuntu 18.04

### UTC-242
- **Description:** 42.5” open-frame panel PC
- **CPU:** Intel® Core™ i3-4300U
- **Cache:** 2 MB
- **Memory:** 2 x SODIMM DDR3L (1600 MHz up to 16 GB)
- **HDD:** 1 x 2.5 internal SATA HDD bay
- **Display:** 42.5” TFT LCD
- **Touchscreen:** Projected capacitive
- **Network:** LAN (1 x RJ-45)
- **OS Support:** Win 10 IoT, Win 10 IoT, Linux Ubuntu 18.04

### UTC-244
- **Description:** 56.5” open-frame panel PC
- **CPU:** Intel® Core™ i5-6300U
- **Cache:** 3 MB
- **Memory:** 2 x SODIMM DDR3L (1600 MHz up to 16 GB)
- **HDD:** 1 x 2.5” internal SATA HDD bay
- **Display:** 56.5” TFT LCD
- **Touchscreen:** Projected capacitive
- **Network:** LAN (1 x RJ-45)
- **OS Support:** Win 10 IoT, Win 10 IoT, Linux Ubuntu 18.04

### UTC-307
- **Description:** 7” ubiquitous touch computer
- **CPU:** Intel® Celeron® N3350
- **Cache:** 2 MB
- **Memory:** 1 x SODIMM DDR3L (1600 MHz up to 6 GB)
- **HDD:** 1 x 2.5” internal SATA HDD bay
- **Display:** 7” TFT LCD
- **Touchscreen:** Projected capacitive
- **Network:** LAN (1 x RJ-45)
- **OS Support:** Win 10 IoT, Linux Ubuntu 18.04

### UTC-310
- **Description:** 10.1” ubiquitous touch computer
- **CPU:** Intel® Celeron® N3350
- **Cache:** 2 MB
- **Memory:** 1 x SODIMM DDR3L (1600 MHz up to 6 GB)
- **HDD:** 1 x 2.5” internal SATA HDD bay
- **Display:** 10.1” TFT LCD
- **Touchscreen:** Projected capacitive
- **Network:** LAN (1 x RJ-45)
- **OS Support:** Win 10 IoT, Linux Ubuntu 18.04

### UTC-315
- **Description:** 15.6” ubiquitous touch computer
- **CPU:** Intel® Celeron® J1900
- **Cache:** 2 MB
- **Memory:** 1 x SODIMM DDR3L (1600 MHz up to 8 GB)
- **HDD:** 1 x 2.5” internal SATA HDD bay
- **Display:** 15” TFT LCD
- **Touchscreen:** Projected capacitive
- **Network:** LAN (1 x RJ-45)
- **OS Support:** Win 10 IoT, Linux Ubuntu 18.04

### UTC-315G
- **Description:** 15.6” ubiquitous touch computer
- **CPU:** Intel® Celeron® J1900
- **Cache:** 2 MB
- **Memory:** 1 x SODIMM DDR3L (1600 MHz up to 8 GB)
- **HDD:** 1 x 2.5” internal SATA HDD bay
- **Display:** 15” TFT LCD
- **Touchscreen:** Projected capacitive
- **Network:** LAN (1 x RJ-45)
- **OS Support:** Win 10 IoT, Linux Ubuntu 18.04
## UTC Series All-in-One Touch Computers

<table>
<thead>
<tr>
<th>Model</th>
<th>UTC-318</th>
<th>UTC-320</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>18.5&quot; ubiquitous touch computer</td>
<td>21.5&quot; ubiquitous touch computer</td>
</tr>
<tr>
<td>I/O Ports</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CPU</td>
<td>Intel® Celeron® J1900</td>
<td>Intel® Celeron® J1900</td>
</tr>
<tr>
<td>Cache</td>
<td>2 MB</td>
<td>2 MB</td>
</tr>
<tr>
<td>Memory</td>
<td>1 x 2 GB SODIMM DDR3L 1333 MHz (up to 8 GB)</td>
<td>1 x 2 GB SODIMM DDR3L 1333 MHz (up to 8 GB)</td>
</tr>
<tr>
<td>HDD</td>
<td>1 x 2.5&quot; internal SATA HDD bay</td>
<td>1 x 2.5&quot; internal SATA HDD bay</td>
</tr>
<tr>
<td>Display</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size</td>
<td>18.5&quot; TFT LCD</td>
<td>21.5&quot; TFT LCD</td>
</tr>
<tr>
<td>Max. Resolution</td>
<td>1920 x 1080</td>
<td>1920 x 1080</td>
</tr>
<tr>
<td>Touch-screen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td>Projected capacitive</td>
<td>Projected capacitive</td>
</tr>
<tr>
<td>Displays</td>
<td></td>
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<tr>
<td>Screen</td>
<td>1366 x 768</td>
<td>1366 x 768</td>
</tr>
<tr>
<td>Ports</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USB</td>
<td>5 x USB 2.0, 1 x USB 3.0</td>
<td>5 x USB 2.0, 1 x USB 3.0</td>
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<tr>
<td>HDMI / VGA</td>
<td>1 x HDMI</td>
<td>1 x HDMI</td>
</tr>
<tr>
<td>Expansion</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Expansion</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Network</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAN</td>
<td>2 x Gigabit Ethernet (RJ45)</td>
<td>2 x Gigabit Ethernet (RJ45)</td>
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<tr>
<td>OS Support</td>
<td></td>
<td></td>
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## UTC Series All-in-One Touch Computers

<table>
<thead>
<tr>
<th>Model</th>
<th>UTC-510</th>
<th>UTC-515</th>
<th>UTC-520</th>
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</thead>
<tbody>
<tr>
<td>Description</td>
<td>10.1&quot; ubiquitous touch computer</td>
<td>15.6&quot; ubiquitous touch computer</td>
<td>21.5&quot; ubiquitous touch computer</td>
</tr>
<tr>
<td>I/O Ports</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CPU</td>
<td>Intel® Atom™ E380 / Celeron® J1900</td>
<td>Intel® Celeron® N3550 / Pentium® N4200</td>
<td>Intel® Celeron® J1900</td>
</tr>
<tr>
<td>Cache</td>
<td>1 MB/2 MB</td>
<td>2 MB</td>
<td>3 MB</td>
</tr>
<tr>
<td>Memory</td>
<td>1 x SO-DIMM DDR3L 1333 MHz (up to 8 GB)</td>
<td>1 x SO-DIMM DDR3L 1333 MHz (up to 8 GB)</td>
<td>1 x SO-DIMM DDR3L 1333 MHz (up to 8 GB)</td>
</tr>
<tr>
<td>HDD</td>
<td>1 x 2.5&quot; internal SATA HDD bay</td>
<td>1 x 2.5&quot; internal SATA HDD bay</td>
<td>1 x 2.5&quot; internal SATA HDD bay</td>
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<tr>
<td>Display</td>
<td></td>
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<tr>
<td>Size</td>
<td>10.1&quot; TFT LCD</td>
<td>15.6&quot; TFT LCD</td>
<td>21.5&quot; TFT LCD</td>
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<tr>
<td>Max. Resolution</td>
<td>1280 x 800</td>
<td>1366 x 768 (FHD 1920 x 1080 optional)</td>
<td>1920 x 1080</td>
</tr>
<tr>
<td>Touch-screen</td>
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<td>Type</td>
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<td>Projected capacitive</td>
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<td>Displays</td>
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<td></td>
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<tr>
<td>Screen</td>
<td>1280 x 800</td>
<td>1366 x 768 (FHD 1920 x 1080 optional)</td>
<td>1920 x 1080</td>
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<tr>
<td>Ports</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USB</td>
<td>1 x USB 2.0, 2 x USB 2.0 (optional)</td>
<td>3 x USB 2.0, 1 x USB 2.0, 2 x USB 2.0 (optional)</td>
<td>3 x USB 2.0, 1 x USB 2.0, 2 x USB 2.0 (optional)</td>
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<td>1 x VGA, 1 x HDMI</td>
<td>1 x VGA, 1 x HDMI</td>
</tr>
<tr>
<td>Expansion</td>
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<td>Expansion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Network</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAN</td>
<td>1 x Gigabit Ethernet (RJ45)</td>
<td>2 x Gigabit Ethernet (RJ45)</td>
<td>2 x Gigabit Ethernet (RJ45)</td>
</tr>
<tr>
<td>OS Support</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## System

### CPU
- UTC-318: Intel® Celeron® J1900
- UTC-320: Intel® Celeron® J1900
- UTC-510: Intel® Celeron® N3550 / Pentium® N4200
- UTC-515: Intel® Celeron® J1900
- UTC-520: Intel® Celeron® J1900

### Cache
- UTC-318: 2 MB
- UTC-320: 2 MB
- UTC-510: 1 MB/2 MB
- UTC-515: 2 MB
- UTC-520: 3 MB

### Memory
- UTC-318: 1 x 2 GB SODIMM DDR3L 1333 MHz (up to 8 GB)
- UTC-320: 1 x 2 GB SODIMM DDR3L 1333 MHz (up to 8 GB)
- UTC-510: 1 x SO-DIMM DDR3L 1333 MHz (up to 8 GB)
- UTC-515: 1 x SO-DIMM DDR3L 1333 MHz (up to 8 GB)
- UTC-520: 2 x SO-DIMM DDR3L 1333 MHz (up to 8 GB)

### Display
- UTC-318: 18.5" TFT LCD
- UTC-320: 21.5" TFT LCD
- UTC-510: 10.1" TFT LCD
- UTC-515: 15.6" TFT LCD
- UTC-520: 21.5" TFT LCD

### Touch-screen
- UTC-318: Projected capacitive
- UTC-320: Projected capacitive
- UTC-510: Projected capacitive
- UTC-515: Projected capacitive
- UTC-520: Projected capacitive

### Network
- UTC-318: 2 x Gigabit Ethernet (RJ45)
- UTC-320: 2 x Gigabit Ethernet (RJ45)
- UTC-510: 1 x Gigabit Ethernet (RJ45)
- UTC-515: 2 x Gigabit Ethernet (RJ45)
- UTC-520: 2 x Gigabit Ethernet (RJ45)

### OS Support
- UTC-318: Win 10 IoT, WES7 / 8, Linux 16.04, Android 6.0
- UTC-320: Win 10 IoT, WES7 / 8, Linux 16.04, Android 10
- UTC-510: Win 10 IoT, WES7 / 8, Linux 16.04
- UTC-515: Win 10 IoT, WES7 / 8, Linux 16.04
- UTC-520: Win 10 IoT, Linux 16.04, Android 10
## UTC Series All-in-One Touch Computers

<table>
<thead>
<tr>
<th>Product</th>
<th>UTC-520 IP65</th>
<th>UTC-532</th>
<th>UTC-542</th>
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<tbody>
<tr>
<td>Description</td>
<td>21.5” all-in-one kiosk</td>
<td>31.5” all-in-one kiosk</td>
<td>42.5” all-in-one kiosk</td>
</tr>
<tr>
<td>Model</td>
<td>UTC-520F</td>
<td>UTC-532F</td>
<td>UTC-542F</td>
</tr>
<tr>
<td>CPU</td>
<td>Intel® Core™ i5-6300U</td>
<td>Intel® Core™ i5-6300U</td>
<td>Intel® Pentium® N4200</td>
</tr>
<tr>
<td>Cache</td>
<td>3 MB</td>
<td>3 MB</td>
<td>3 MB</td>
</tr>
<tr>
<td>Memory</td>
<td>2x SO-DIMM DDR3L, 1867 MHz (up to 16 GB)</td>
<td>1 x SODIMM DDR3L, 1600 MHz (up to 16 GB)</td>
<td>2x SO-DIMM DDR3L, 1600 MHz (up to 16 GB)</td>
</tr>
<tr>
<td>HDD</td>
<td>1 x 2.5” internal SATA HDD bay</td>
<td>1 x 2.5” internal SATA HDD bay</td>
<td>1 x 2.5” internal SATA HDD bay</td>
</tr>
<tr>
<td>Display</td>
<td>21.5” TFT LCD</td>
<td>31.5” TFT LCD</td>
<td>42.5” TFT LCD</td>
</tr>
<tr>
<td>Max. Resolution</td>
<td>1920 x 1080</td>
<td>1920 x 1080</td>
<td>1920 x 1080</td>
</tr>
<tr>
<td>Touchscreen</td>
<td>Projected capacitive</td>
<td>Flat glass with projected capacitive touch function</td>
<td>Projected capacitive</td>
</tr>
<tr>
<td>I/O Ports</td>
<td>2 x Gigabit Ethernet (RJ45)</td>
<td>2 x Gigabit Ethernet (RJ45)</td>
<td>2 x Gigabit Ethernet</td>
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## UTC-720 series

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<th>UTC-720 series</th>
<th>UTC-750</th>
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</thead>
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<tr>
<td>Description</td>
<td>21.5” all-in-one kiosk</td>
<td>31.5” all-in-one kiosk</td>
</tr>
<tr>
<td>Model</td>
<td>UTC-722F</td>
<td>UTC-722G</td>
</tr>
<tr>
<td>CPU</td>
<td>Intel® Core™ i5-6300U</td>
<td>Intel® Core™ i5-6300U</td>
</tr>
<tr>
<td>Cache</td>
<td>3 MB</td>
<td>3 MB</td>
</tr>
<tr>
<td>Memory</td>
<td>2x SO-DIMM DDR3L, 1600 MHz (up to 16 GB)</td>
<td>1 x SODIMM DDR3L, 1600 MHz (up to 16 GB)</td>
</tr>
<tr>
<td>HDD</td>
<td>1 x 2.5” internal SATA HDD bay</td>
<td>1 x 2.5” internal SATA HDD bay</td>
</tr>
<tr>
<td>Display</td>
<td>21.5” TFT LCD</td>
<td>31.5” TFT LCD</td>
</tr>
<tr>
<td>Max. Resolution</td>
<td>1920 x 1080</td>
<td>1920 x 1080</td>
</tr>
<tr>
<td>Touchscreen</td>
<td>Projected capacitive</td>
<td>Projected capacitive</td>
</tr>
<tr>
<td>I/O Ports</td>
<td>2 x Gigabit Ethernet (RJ45)</td>
<td>2 x Gigabit Ethernet (RJ45)</td>
</tr>
<tr>
<td>Peripherals</td>
<td>NFC reader, chip and magnetic stripe reader, thermal printer, 1D / 2D barcode scanner</td>
<td></td>
</tr>
</tbody>
</table>

## Product Specifications

- **Network:**
  - LAN: 2 x Gigabit Ethernet (RJ45)
  - M.2 E-key 2230 NVMe PCIe (support USB2.0 only, optional M-key 2280 NVMe PCIe)

- **I/O Ports:**
  - USB: 2 x USB 2.0, 2 x USB 3.0
  - COM: 2 x RS-232
  - HDMI / VGA: 1 x HDMI, 1 x VGA

- **System:**
  - CPU: Intel® Core™ i5-6300U
  - Cache: 3 MB
  - Memory: 2x SO-DIMM DDR3L, 1600 MHz (up to 16 GB)

- **Display:**
  - Size: 21.5” TFT LCD
  - Max. Resolution: 1920 x 1080

- **Touchscreen:**
  - Type: Projected capacitive

- **Mounting:**
  - VESA

- **OS Support:**
  - Win 10 IoT, Win 10, Win 8, Linux 16.04, Android 10
### Intelligent Outdoor Kiosk / iStation for Smart Campuses

<table>
<thead>
<tr>
<th>Model</th>
<th>UTK-932</th>
<th>UTK-615</th>
<th>UTK-752</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>32&quot; customizable outdoor self-service kiosk</td>
<td>15.6&quot; mini self-service kiosk</td>
<td>21.5&quot; all-in-one kiosk</td>
</tr>
<tr>
<td>CPU</td>
<td>Intel® Core™ i7 6600U / i3 6100U</td>
<td>Intel® Pentium® N4200</td>
<td>Intel® Pentium® N4200</td>
</tr>
<tr>
<td>Cache</td>
<td>3 MB</td>
<td>3 MB</td>
<td>3 MB</td>
</tr>
<tr>
<td>Memory</td>
<td>2 x SODIMM DDR3L 1600 MHz (up to 16 GB)</td>
<td>2 x SODIMM DDR3L 1600 MHz (up to 16 GB)</td>
<td>2 x SODIMM DDR3L 1600 MHz (up to 16 GB)</td>
</tr>
<tr>
<td>Display</td>
<td>450 x 5000 x 1526 mm / 17.71 x 196.85 x 60 in</td>
<td>620 x 1474 x 400 mm / 24.38 x 57.99 x 15.74 in</td>
<td>720 x 1260 x 322 mm / 28.35 x 49.61 x 12.71 in</td>
</tr>
<tr>
<td>System</td>
<td>Intel® Core™ i7 6600U / i3 6100U</td>
<td>Intel® Pentium® N4200</td>
<td>Intel® Pentium® N4200</td>
</tr>
<tr>
<td>Power Supply</td>
<td>Input 110V</td>
<td>Input 110V</td>
<td>Input 110V</td>
</tr>
<tr>
<td>Peripherals</td>
<td>NFC reader, pin pad, chip and magnetic stripe reader, thermal printer, 1D / 2D barcode scanner</td>
<td>RFID / NFC, smart card reader, camera, 2D scanner, thermal printer, LTE+GPS, battery pack</td>
<td>-</td>
</tr>
</tbody>
</table>

### iStation for smart campuses

<table>
<thead>
<tr>
<th>Model</th>
<th>UR-700</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>iStation for smart campus</td>
</tr>
<tr>
<td>CPU</td>
<td>Intel® Celeron® J1900/Core™ i3 / i5 / i7</td>
</tr>
<tr>
<td>Memory</td>
<td>8~32 GB</td>
</tr>
<tr>
<td>Dimensions</td>
<td>W x H x D</td>
</tr>
<tr>
<td>Power Supply</td>
<td>Input 110V</td>
</tr>
<tr>
<td>Add-On Modules</td>
<td>Surveillance Camera</td>
</tr>
</tbody>
</table>
# UTC Series Peripherals and Installation Accessories

<table>
<thead>
<tr>
<th>Peripherals</th>
<th>Magnetic Stripe Reader</th>
<th>NFC / RFID Reader</th>
<th>Smart Card Reader</th>
<th>1D / 2D Barcode Reader</th>
<th>5MP Camera Module</th>
<th>Fingerprint Scanner</th>
<th>iBeacon</th>
</tr>
</thead>
<tbody>
<tr>
<td>UTC-510 / 542 Series</td>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
<td><img src="image3.png" alt="Image" /></td>
<td><img src="image4.png" alt="Image" /></td>
<td><img src="image5.png" alt="Image" /></td>
<td><img src="image6.png" alt="Image" /></td>
<td><img src="image7.png" alt="Image" /></td>
</tr>
<tr>
<td>UTC-515 / 520 / 532 Series</td>
<td><img src="image8.png" alt="Image" /></td>
<td><img src="image9.png" alt="Image" /></td>
<td><img src="image10.png" alt="Image" /></td>
<td><img src="image11.png" alt="Image" /></td>
<td><img src="image12.png" alt="Image" /></td>
<td><img src="image13.png" alt="Image" /></td>
<td><img src="image14.png" alt="Image" /></td>
</tr>
<tr>
<td>UTC-300 Series</td>
<td><img src="image15.png" alt="Image" /></td>
<td><img src="image16.png" alt="Image" /></td>
<td><img src="image17.png" alt="Image" /></td>
<td><img src="image18.png" alt="Image" /></td>
<td><img src="image19.png" alt="Image" /></td>
<td><img src="image20.png" alt="Image" /></td>
<td><img src="image21.png" alt="Image" /></td>
</tr>
<tr>
<td>UTC-307 / 310 Series</td>
<td><img src="image22.png" alt="Image" /></td>
<td><img src="image23.png" alt="Image" /></td>
<td><img src="image24.png" alt="Image" /></td>
<td><img src="image25.png" alt="Image" /></td>
<td><img src="image26.png" alt="Image" /></td>
<td><img src="image27.png" alt="Image" /></td>
<td><img src="image28.png" alt="Image" /></td>
</tr>
<tr>
<td>UTC-100 Series</td>
<td><img src="image29.png" alt="Image" /></td>
<td><img src="image30.png" alt="Image" /></td>
<td><img src="image31.png" alt="Image" /></td>
<td><img src="image32.png" alt="Image" /></td>
<td><img src="image33.png" alt="Image" /></td>
<td><img src="image34.png" alt="Image" /></td>
<td><img src="image35.png" alt="Image" /></td>
</tr>
</tbody>
</table>

## Wall Mount Kit

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

## Table Stand

- UTC-STAND1E
- UTC-STAND2E
- UTC-STAND3E
- UTC-STAND4E
- UTC-STAND5E
- UTC-STAND6E
- UTC-STAND7E
- UTC-STAND8E

## Floor Stand

- UTC-FRONT
- UTC-FRONT1
- UTC-FRONT2
- UTC-FRONT3
- UTC-FRONT4
- UTC-FRONT5
- UTC-FRONT6
- UTC-FRONT7

---

**Product Specifications | UTC Series Peripherals and Installation Accessories**
## Avalo Family All-in-One Touch Computers

<table>
<thead>
<tr>
<th>Model</th>
<th>USC-130</th>
<th>USC-160</th>
<th>USC-250</th>
<th>UPOS-211</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CPU</strong></td>
<td>Rockchip ARM Cortex®-A17 RK3288 quad-core, up to 1.6 GHz</td>
<td>Rockchip ARM Cortex®-A17 RK3288 quad-core, up to 1.6 GHz</td>
<td>Skylake-U, i5-6300U / CORE i3-6100U / Celeron 3955U</td>
<td>Intel® Celeron®, J1900 / Core i3 / i5</td>
</tr>
</tbody>
</table>

### 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

### Display
- **Size**
  - 11.6" TFT LCD (1366 x 768)
  - 15.6" TFT HD LCD (1920 x 1080)
- **Brightness**
  - 250 cd/m²
  - HD: 220 cd/m², FHD: 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
- **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
- **Ethernet**
  - 1 x RJ45
  - 2 x RJ45
  - 1 x RJ45
- **Audio**
  - 1 x Mic-in
  - 1 x Line out, 1 x mic in (optional)
- **Speaker**
  - 1 x 2W speaker
  - 2 x 2W speaker

### OS Support Kiosk
- **Secondary Display**
  - 11.6" TFT LCD (Avalo stand)
  - 15.6" TFT LCD (Avalo stand)
- **Peripherals**
  - External: MSR, iButton, 1D / 2D barcode scanner
  - Embedded: RFID, camera
- **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

### Stand
- Avalo
- Dual Hinge
- Single
- Kangaroo
- Multifunctional
## Avalo Family Touch Computers

### Product Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>UPOS-M15</th>
<th>USC-M3</th>
<th>USC-M6</th>
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<tbody>
<tr>
<td><strong>Display</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td>15&quot; TFT LCD with LED backlight</td>
<td>11.6&quot; TFT LCD with LED backlight</td>
<td>15.6&quot; TFT LCD (16:9)</td>
</tr>
<tr>
<td>Resolution</td>
<td>1024 x 768</td>
<td>1366 x 768</td>
<td>HD: 1366 x 768 / FHD: 1920 x 1080</td>
</tr>
<tr>
<td>Brightness</td>
<td>250 cd/m² (400 cd/m² optional)</td>
<td>250 cd/m²</td>
<td>HD: 250 cd/m² / FHD: 350 cd/m²</td>
</tr>
<tr>
<td>Touchscreen</td>
<td>1 x VGA (D-sub 15), 1 x HDMI (optional)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>External I/O</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Video in</td>
<td>1 x VGA (D-sub 15), 1 x HDMI (optional)</td>
<td>1 x VGA (D-sub 15), 1 x HDMI (optional)</td>
<td>1 x VGA (D-sub 15), 1 x HDMI (optional)</td>
</tr>
<tr>
<td>Audio in</td>
<td>3.5-mm jack</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USB</td>
<td>for touch panel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DC-In</td>
<td>2-pin power jack</td>
<td>12V power jack</td>
<td>12V power jack</td>
</tr>
<tr>
<td><strong>Control Buttons</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power</td>
<td>Power on / off</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Menu</td>
<td>OSD menu</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up</td>
<td>Navigate up</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Down</td>
<td>Navigate down</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Miscellaneous</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Speaker</td>
<td>2 x 2W</td>
<td>2W</td>
<td>2 x 2W</td>
</tr>
<tr>
<td>Hatch</td>
<td>VESA (75 x 75 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adapter</td>
<td>12V 25W</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Optional Modules</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Side-Mounted Peripherals</td>
<td>MSR</td>
<td>MSR / iButton</td>
<td>External: MSR / Button, camera Embedded: RFID</td>
</tr>
<tr>
<td>Case Color</td>
<td>black / white / black + orange</td>
<td>black / white</td>
<td>black / white</td>
</tr>
<tr>
<td>Operation Temperature</td>
<td>0 ~ 40 °C (32 ~ 104 °F)</td>
<td>0 ~ 40 °C (32 ~ 104 °F)</td>
<td>0 ~ 40 °C (32 ~ 104 °F)</td>
</tr>
<tr>
<td>Humidity</td>
<td>10 ~ 95% @ 40 °C non-condensing</td>
<td>10 ~ 95% @ 40 °C non-condensing</td>
<td>10 ~ 95% @ 40 °C non-condensing</td>
</tr>
<tr>
<td>EMI / Safety</td>
<td>FCC, CE, CCC, CB, UL, BSMi</td>
<td>FCC, CE, CCC, CB, UL, BSMi</td>
<td></td>
</tr>
</tbody>
</table>

### Memo

- **Display Type**: 15" TFT LCD with LED backlight
- **Resolution**: HD: 1366 x 768 / FHD: 1920 x 1080
- **Brightness**: HD: 250 cd/m² / FHD: 350 cd/m²
- **Touchscreen**: 1 x VGA (D-sub 15), 1 x HDMI (optional)
- **Video in**: 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
- **Power**: Power on / off
- **Menu**: OSD menu
- **Control Buttons**: Navigate up / down
- **Speaker**: 2 x 2W
- **Case Color**: black / white / black + orange
- **Operation Temperature**: 0 ~ 40 °C (32 ~ 104 °F)
- **Humidity**: 10 ~ 95% @ 40 °C non-condensing
- **EMI / Safety**: FCC, CE, CCC, CB, UL, BSMi
## Mobile Tablets

<table>
<thead>
<tr>
<th>Model</th>
<th>AIM-35</th>
<th>AIM-37</th>
<th>AIM-38</th>
</tr>
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<tbody>
<tr>
<td><strong>System</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Processor</td>
<td>Intel® Atom™ X5-Z8350</td>
<td>Intel® Atom™ X5-Z8350</td>
<td>Intel® Atom™ X7-Z8750</td>
</tr>
<tr>
<td>Memory</td>
<td>2 GB / 4 GB</td>
<td>2 GB / 4 GB</td>
<td>4 GB</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capacity</td>
<td>32 GB / 64 GB</td>
<td>32 GB / 64 GB</td>
<td>64 GB default</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size / Type</td>
<td>8” IPS TFT color LCD</td>
<td>10” IPS TFT color LCD</td>
<td>10” IPS TFT color LCD</td>
</tr>
<tr>
<td>Glass Type</td>
<td>Corning® Gorilla® Glass 3 (directly bonded)</td>
<td>Corning® Gorilla® Glass 3 (directly bonded)</td>
<td>Corning® Gorilla® Glass 3 (directly bonded)</td>
</tr>
<tr>
<td>Resolution</td>
<td>WXGA (1280 x 800)</td>
<td>WXGA (1280 x 800)</td>
<td>FHD LCD (1920 x 1200)</td>
</tr>
<tr>
<td>Brightness</td>
<td>400 cd/m²</td>
<td>350 cd/m²</td>
<td>380 cd/m² (800 cd/m² optional)</td>
</tr>
<tr>
<td>Touchscreen</td>
<td>10-point capacitive multi-touch</td>
<td>10-point capacitive multi-touch</td>
<td>10-point capacitive multi-touch</td>
</tr>
<tr>
<td><strong>External I/O</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WLAN</td>
<td>Internal 802.11 a / b / g / n (ac is optional)</td>
<td>Internal 802.11 a / b / g / n (ac is optional)</td>
<td>Internal 802.11 a / b / g / n / ac</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>Bluetooth 4.0 BLE</td>
<td>Bluetooth 4.0 BLE</td>
<td>Bluetooth 4.0 BLE</td>
</tr>
<tr>
<td>GPS</td>
<td>AGPS, GNSS (optional)</td>
<td>-</td>
<td>Bds/Ds (optional)</td>
</tr>
<tr>
<td>WWAN</td>
<td>Internal 4G / 3G mode (optional)</td>
<td>-</td>
<td>Internal 4G / 3G mode (optional)</td>
</tr>
<tr>
<td>NFC</td>
<td>13.56 MHz, ISO 14443 type A / B, ISO / IEC 15693, MIFARE, FeliCa</td>
<td>13.56 MHz, ISO 14443 type A / B, ISO / IEC 15693, MIFARE, FeliCa</td>
<td>13.56 MHz, ISO 14443 type A / B, ISO / IEC 15693, MIFARE, FeliCa</td>
</tr>
<tr>
<td>MSR</td>
<td>3-track MSR (optional)</td>
<td>3-track MSR (optional)</td>
<td>3-track MSR (optional)</td>
</tr>
<tr>
<td>IC Card Reader</td>
<td>-</td>
<td>5 V smart card (optional)</td>
<td>-</td>
</tr>
<tr>
<td>Color</td>
<td>black / orange</td>
<td>black / orange</td>
<td>black</td>
</tr>
<tr>
<td>Battery</td>
<td>5060 mAh</td>
<td>7900 mAh</td>
<td>26 Whr Hot-Swappable with capacity LED indicators</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>142 x 239 x 14.5 mm / 5.63 x 9.37 x 0.57 in</td>
<td>290 x 176 x 17.4 mm / 11.42 x 6.89 x 0.69 in</td>
<td>290 x 180.1 x 18.3 mm / 11.02 x 7.09 x 0.72 in</td>
</tr>
<tr>
<td>Weight</td>
<td>900 g / 1.98 lb</td>
<td>910 g / 2.01 lb</td>
<td>980 g / 2.16 lb</td>
</tr>
</tbody>
</table>

### MPOS/Tablet Peripherals

<table>
<thead>
<tr>
<th>Model</th>
<th>AIM-P521(A0 / B0)</th>
<th>AIM-EXTTO-0046</th>
<th>AIM-BAT0-0252</th>
<th>AIM-P521(A0 / B0)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>20 degree 2D barcode scanner</td>
<td>LAN + COM module</td>
<td>Battery with meter (1 pcs)</td>
<td>MSR + barcode scanner module</td>
</tr>
<tr>
<td>Color</td>
<td>black</td>
<td>color: black</td>
<td>color: black</td>
<td>Color: black</td>
</tr>
<tr>
<td>Dimensions</td>
<td>130.2 x 38.7 x 27.8 mm / 5.12 x 1.52 x 1.09 in</td>
<td>130.2 x 70 x 29 mm / 5.12 x 2.75 x 1.14 in</td>
<td>98 x 64.5 x 6.5 mm / 3.85 x 2.52 x 0.25 in</td>
<td>79 x 64.4 x 11.0 mm / 3.11 x 2.53 x 0.45 in</td>
</tr>
<tr>
<td>Weight</td>
<td>0.042 kg / 0.092 lb</td>
<td>0.078 kg / 0.17 lb</td>
<td>0.104 kg / 0.22 lb</td>
<td>0.1 kg / 0.22 lb</td>
</tr>
</tbody>
</table>

### Model

<table>
<thead>
<tr>
<th>Model</th>
<th>AIM-P508 / P708</th>
<th>AIM-P505</th>
<th>AIM-P705</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>Basic charger</td>
<td>6-in-1 multi-bay charging station</td>
<td>10-in-1 multi-bay charging station</td>
</tr>
<tr>
<td><strong>LED indicator</strong></td>
<td>Orange (LED light emitted when tablet is docked)</td>
<td>Orange (LED light emitted when tablets are docked)</td>
<td>Orange (LED light emitted when tablets are docked)</td>
</tr>
<tr>
<td><strong>Charge Method</strong></td>
<td>Via pogo pin</td>
<td>Via pogo pin</td>
<td>Via pogo pin</td>
</tr>
<tr>
<td><strong>Max. Charging Power</strong></td>
<td>5V / 3A</td>
<td>5V / 3A</td>
<td>5V / 3A</td>
</tr>
<tr>
<td><strong>Max. Tablet Thickness</strong></td>
<td>34 mm / 1.33 in</td>
<td>34 mm / 1.33 in</td>
<td>34 mm / 1.33 in</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>180 x 140 x 120 mm / 7.08 x 5.51 x 4.72 in (charger only)</td>
<td>14.7 x 9.84 x 4.96 in (charger only)</td>
<td>14.7 x 9.84 x 4.96 in (charger only)</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>110 ~ 220 VAC, 240W</td>
<td>110 ~ 220 VAC, 240W</td>
<td>110 ~ 220 VAC, 240W</td>
</tr>
</tbody>
</table>

### Applicable Products

<table>
<thead>
<tr>
<th>Model</th>
<th>AIM-35 / 37</th>
<th>AIM-35</th>
<th>AIM-35</th>
<th>AIM-35</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LED indicator</strong></td>
<td>Orange</td>
<td>Orange</td>
<td>Orange</td>
<td>Orange</td>
</tr>
<tr>
<td><strong>Charge Method</strong></td>
<td>Via pogo pin</td>
<td>Via pogo pin</td>
<td>Via pogo pin</td>
<td>Via pogo pin</td>
</tr>
<tr>
<td><strong>Max. Charging Power</strong></td>
<td>5V / 3A</td>
<td>5V / 3A</td>
<td>5V / 3A</td>
<td>5V / 3A</td>
</tr>
<tr>
<td><strong>Max. Tablet Thickness</strong></td>
<td>34 mm / 1.33 in</td>
<td>34 mm / 1.33 in</td>
<td>34 mm / 1.33 in</td>
<td>34 mm / 1.33 in</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>180 x 140 x 120 mm / 7.08 x 5.51 x 4.72 in (charger only)</td>
<td>14.7 x 9.84 x 4.96 in (charger only)</td>
<td>14.7 x 9.84 x 4.96 in (charger only)</td>
<td>14.7 x 9.84 x 4.96 in (charger only)</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>110 ~ 220 VAC, 240W</td>
<td>110 ~ 220 VAC, 240W</td>
<td>110 ~ 220 VAC, 240W</td>
<td>110 ~ 220 VAC, 240W</td>
</tr>
</tbody>
</table>

### Applicable Products

<table>
<thead>
<tr>
<th>Model</th>
<th>AIM-35 / 37</th>
<th>AIM-35</th>
<th>AIM-35</th>
<th>AIM-35</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td></td>
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</tr>
<tr>
<td><strong>LED indicator</strong></td>
<td>Orange</td>
<td>Orange</td>
<td>Orange</td>
<td>Orange</td>
</tr>
<tr>
<td><strong>Charge Method</strong></td>
<td>Via pogo pin</td>
<td>Via pogo pin</td>
<td>Via pogo pin</td>
<td>Via pogo pin</td>
</tr>
<tr>
<td><strong>Max. Charging Power</strong></td>
<td>5V / 3A</td>
<td>5V / 3A</td>
<td>5V / 3A</td>
<td>5V / 3A</td>
</tr>
<tr>
<td><strong>Max. Tablet Thickness</strong></td>
<td>34 mm / 1.33 in</td>
<td>34 mm / 1.33 in</td>
<td>34 mm / 1.33 in</td>
<td>34 mm / 1.33 in</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>180 x 140 x 120 mm / 7.08 x 5.51 x 4.72 in (charger only)</td>
<td>14.7 x 9.84 x 4.96 in (charger only)</td>
<td>14.7 x 9.84 x 4.96 in (charger only)</td>
<td>14.7 x 9.84 x 4.96 in (charger only)</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>110 ~ 220 VAC, 240W</td>
<td>110 ~ 220 VAC, 240W</td>
<td>110 ~ 220 VAC, 240W</td>
<td>110 ~ 220 VAC, 240W</td>
</tr>
</tbody>
</table>
## Mobile POS System

<table>
<thead>
<tr>
<th>Model</th>
<th>MPOS-370</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>System</strong></td>
<td></td>
</tr>
<tr>
<td>CPU</td>
<td>Intel® Atom ™ X5-28350</td>
</tr>
<tr>
<td>OS Support</td>
<td>Windows 10 IoT Enterprise, Android 6.0</td>
</tr>
<tr>
<td>Memory</td>
<td>2 GB / 4 GB</td>
</tr>
<tr>
<td>Storage</td>
<td>32 GB / 64 GB</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td></td>
</tr>
<tr>
<td>Size / Resolution</td>
<td>10” IPS TFT LCD panel / WXGA (1200 x 1920)</td>
</tr>
<tr>
<td>Brightness</td>
<td>500 cd/m²</td>
</tr>
<tr>
<td>Touchscreen</td>
<td>Corning® Gorilla® Glass 3 with 10-point capacitive multi-touch and glove mode</td>
</tr>
<tr>
<td><strong>External I/O</strong></td>
<td></td>
</tr>
<tr>
<td>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 (RU48), 1 x cash drawer (RU11)</td>
<td></td>
</tr>
<tr>
<td><strong>Function Buttons</strong></td>
<td></td>
</tr>
<tr>
<td>1 x power button, 1 x programmable function button, 2 x volume control / open door / feed paper buttons (optional)</td>
<td></td>
</tr>
<tr>
<td><strong>WLAN</strong></td>
<td>Bluetooth 4.0 BLE</td>
</tr>
<tr>
<td><strong>GPS</strong></td>
<td>AGPS, GNSS (optional)</td>
</tr>
<tr>
<td><strong>WWAN</strong></td>
<td>Internal 4G / 3G mode (optional)</td>
</tr>
<tr>
<td><strong>MSR</strong></td>
<td>3-track MSR</td>
</tr>
<tr>
<td><strong>IC Card Reader</strong></td>
<td>5 V smart card</td>
</tr>
<tr>
<td><strong>Battery</strong></td>
<td>black + orange</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>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</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>Tablet: 900 g / 1.98 lb, Cradle: 2 kg / 4.4 lb</td>
</tr>
</tbody>
</table>

### Thermal Printer

<table>
<thead>
<tr>
<th>Model</th>
<th>AIM-P701A0</th>
<th>AIM-P701B0</th>
<th>AIM-P701C0</th>
<th>AIM-P701D0</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>Printer cradle</td>
<td>Printer cradle</td>
<td>Printer cradle</td>
<td>Printer cradle</td>
</tr>
<tr>
<td><strong>Swivel Range</strong></td>
<td>180° rotational</td>
<td>180° rotational</td>
<td>180° rotational</td>
<td>180° rotational</td>
</tr>
<tr>
<td><strong>Pogo Pin</strong></td>
<td>USB 2.0, 5 V / 3A charger</td>
<td>USB 2.0, 5 V / 3A charger</td>
<td>USB 2.0, 5 V / 3A charger</td>
<td>USB 2.0, 5 V / 3A charger</td>
</tr>
<tr>
<td><strong>Paper Width</strong></td>
<td>80 / 58 mm / 3.14 / 2.28 in</td>
<td>N/A</td>
<td>80 / 58 mm / 3.14 / 2.28 in</td>
<td>80 / 58 mm / 3.14 / 2.28 in</td>
</tr>
<tr>
<td><strong>Paper Roll</strong></td>
<td>70 mm / 2.75 in diameter</td>
<td>N/A</td>
<td>70 mm / 2.75 in diameter</td>
<td>70 mm / 2.75 in diameter</td>
</tr>
<tr>
<td><strong>Printing Speed</strong></td>
<td>200 mm / sec</td>
<td>N/A</td>
<td>200 mm / sec</td>
<td>200 mm / sec</td>
</tr>
<tr>
<td><strong>Paper Cutter</strong></td>
<td>Auto cut</td>
<td>N/A</td>
<td>Auto cut</td>
<td>Auto cut</td>
</tr>
<tr>
<td><strong>Buttons</strong></td>
<td>Open door, feed paper</td>
<td>Open door, feed paper</td>
<td>Open door, feed paper</td>
<td>Open door, feed paper</td>
</tr>
<tr>
<td><strong>LEDs</strong></td>
<td>Power, error indicators</td>
<td>Power, error indicators</td>
<td>Power, error indicators</td>
<td>Power, error indicators</td>
</tr>
<tr>
<td><strong>I/O Ports</strong></td>
<td>1 x DC-in, 2 x USB 2.0 (type A), 2 x COM (RU48), 1 x cash drawer (RU11)</td>
<td>1 x DC-in, 2 x USB 2.0 (type A), 2 x COM (RU48), 1 x cash drawer (RU11)</td>
<td>1 x DC-in, 2 x USB 2.0 (type A), 2 x COM (RU48), 1 x cash drawer (RU11)</td>
<td>1 x DC-in, 2 x USB 2.0 (type A), 2 x COM (RU48), 1 x cash drawer (RU11)</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>151 x 152 x 318 mm / 5.94 x 5.98 x 12.51 in</td>
<td>151 x 152 x 318 mm / 5.94 x 5.98 x 12.51 in</td>
<td>151 x 152 x 318 mm / 5.94 x 5.98 x 12.51 in</td>
<td>151 x 152 x 318 mm / 5.94 x 5.98 x 12.51 in</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>0<del>40 °C / 32</del>104 °F</td>
<td>0<del>40 °C / 32</del>104 °F</td>
<td>0<del>40 °C / 32</del>104 °F</td>
<td>0<del>40 °C / 32</del>104 °F</td>
</tr>
<tr>
<td><strong>Storage Temperature</strong></td>
<td>-10<del>60 °C / 14</del>140 °F</td>
<td>-10<del>60 °C / 14</del>140 °F</td>
<td>-10<del>60 °C / 14</del>140 °F</td>
<td>-10<del>60 °C / 14</del>140 °F</td>
</tr>
<tr>
<td><strong>Operating Humidity</strong></td>
<td>5~95%, non-condensing</td>
<td>5~95%, non-condensing</td>
<td>5~95%, non-condensing</td>
<td>5~95%, non-condensing</td>
</tr>
<tr>
<td><strong>Applicable Products</strong></td>
<td>AIM-37</td>
<td>AIM-37</td>
<td>AIM-37</td>
<td>AIM-37</td>
</tr>
<tr>
<td><strong>WC/BT</strong></td>
<td>N/A</td>
<td>N/A</td>
<td>WiFi Support</td>
<td>BT Support</td>
</tr>
</tbody>
</table>

## MPOS/Tablet Peripherals

<table>
<thead>
<tr>
<th>Model</th>
<th>AIM-P704</th>
<th>AIM-P511AD</th>
<th>AIM-EXTO-0046</th>
<th>AIM-BATO-0252</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>Active stylus</td>
<td>20 degree 2D barcode scanner</td>
<td>LAN + COM module</td>
<td>Battery with meter (1 pcs)</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>black</td>
<td>Color: black</td>
<td>Color: black</td>
<td>Color: black</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>130.2 x 38.7 x 27.8 mm / 5.12 x 1.52 x 1.09 in</td>
<td>130.2 x 70 x 29 mm / 5.12 x 2.70 x 1.14 in</td>
<td>98 x 84.5 x 6.5 mm / 3.85 x 3.32 x 0.25 in</td>
<td>90.4 x 76.2 x 0.22 in</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>0.042 kg / 0.092 lb</td>
<td>Weight: 0.078 kg / 0.17 lb</td>
<td>Weight: 0.104 kg / 0.22 lb</td>
<td></td>
</tr>
<tr>
<td><strong>Applicable Products</strong></td>
<td>AIM-35 / 37</td>
<td>AIM-35</td>
<td>AIM-35</td>
<td>AIM-35</td>
</tr>
</tbody>
</table>

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**Hand / Shoulder Strap**

- **M-SRP0-0000 Scope**: AIM-35 / AIM-SRP0-0001
- **AIM-P702**: AIM-35 / AIM-P503
- **AIM-P703**: AIM-35 / AIM-35

**Wall Mount Kit**

- **AIM-35**: AIM-35 / AIM-P503 / AIM-P703
## Intelligent POS / Box PCs

<table>
<thead>
<tr>
<th>Model</th>
<th>USM-110</th>
<th>USM-210</th>
<th>UBX-310</th>
<th>USM-260</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processor</td>
<td>Rockchip ARM® Cortex®-A17 quad-core</td>
<td>Intel® Celeron® J3455</td>
<td>Intel® Celeron® J1900</td>
<td>Intel® Celeron® G3900TE / Pentium® G4400TE / G-6100TE / i5-6500TE / i7-6700TE</td>
</tr>
<tr>
<td>Memory</td>
<td>2 GB</td>
<td>8 GB</td>
<td>8 GB</td>
<td>16 GB</td>
</tr>
<tr>
<td>Storage</td>
<td>1 x on board eMMC 16G SATA HDD / SSD bay</td>
<td>1 x 2.5” SATA HDD / SSD bay</td>
<td>1 x 2.5” SATA HDD / SSD bay</td>
<td>2 x 2.5” SATA HDD / SSD bay</td>
</tr>
<tr>
<td>Display</td>
<td>3840 x 2160 @ 60 Hz</td>
<td>3840 x 2160@ 30 Hz</td>
<td>1920 x 1200 @ 60 Hz</td>
<td>4096x2304@ 24 Hz</td>
</tr>
<tr>
<td>System</td>
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<tr>
<td>Processor</td>
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<td>OS Support</td>
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<tr>
<td>Display</td>
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</tbody>
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### Memo

- 65