

Advantech VUE Display Series

Providing Value, Unified Design, and Efficiency that
Optimizes Diverse User Applications



ADVANTECH

Table Of Contents

About Advantech VUE Display	02
VUE-2000 Series	
VUE-3000 Series	
VUE-5000 Series	
Advantech’s Intelligent Factory Solutions	12
Powering Real-time Command Centers	
Leveraging Paperless SOP	
Augmenting Manufacturing Process Control	
Advantech’s Retail Solutions	20
Broadcasting Advertisements	
Optimizing Video Wall Solutions	
Creating Self-service Kiosks	
Empowering AI Facial Recognition	
Enabling Occupancy Monitoring	
Advantech’s Medical and Health Care Solutions	32
Integrating Entrance and Lobby Solutions	
Improving Waiting Room Experiences	
Streamlining Clinic Check-in Systems	
Improving Doctors’ Offices	
Improving Patient Room Facilities	
Optimizing Ultrasound Machines	
Powering OCT Machines	
Improving Conference Room Systems	
Leveraging CT Scan/PACS	
Product Selection	52
VUE-2000 Panel Mount Monitor	
VUE-3000 Medical Grade Touch Monitor	
VUE-3000 IT Grade Touch Monitor	
VUE-5000 Digital Signage	

VUE

About Advantech VUE Display

Inspired by the French word for “vision”, Advantech’s new VUE series is a line of touch displays created specifically for industrial applications. Designed to meet the needs of industrial clients, VUE solutions make integrating industrial applications, touch functionality, and robust, industrial-grade features easier than ever.



VUE-3000 Series

Advantech's VUE-3000 series is compliant with IEC 60601-1 certifications and features Digital Imaging and Communications in Medicine (DICOM) technology.

VUE-2000 Series

Advantech’s VUE-2000 series features high-sensitivity PCAP touchscreen for gloved operation and CS10V capabilities for noise immunity. They incorporate ruggedized vibration-resistant IK07 and IK08 certified designs with multiple I/O.

VUE-5000 Series

The VUE-5000 series includes non-touch, PCAP touch, and IR touch solutions. It features high image quality with IPS, has an elegant design with a narrow bezel, and accepts 90 ~ 144VDC power input based on AC power design.

VUE-2000

Panel Mount Monitor

Advantech's VUE-2000 series features a high-sensitivity PCAP touchscreen for gloved operation and CS10V capabilities for noise immunity. These solutions incorporate ruggedized impact-protected IK07 and IK08 certified designs with multiple I/O. Advantech's VUE series supports panel and VESA mounting; and has additional screw holes for diverse peripheral requirements.



IK08 impact protection



Multiple I/O



Easy expansion for peripheral devices



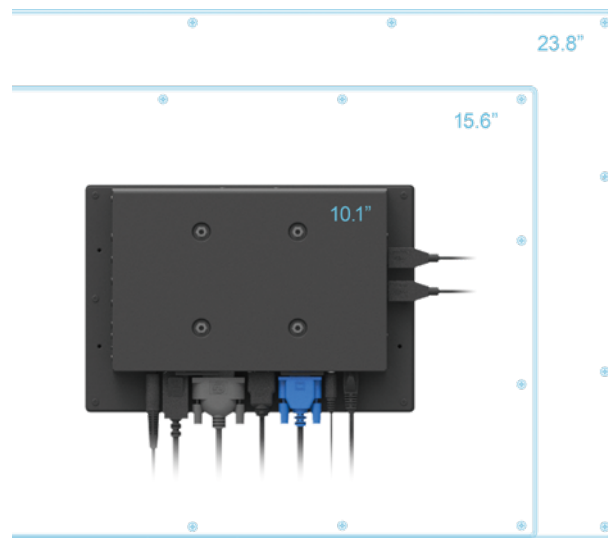
CS10V capability for noise immunity



IP65 rated front panel



Feature Highlights



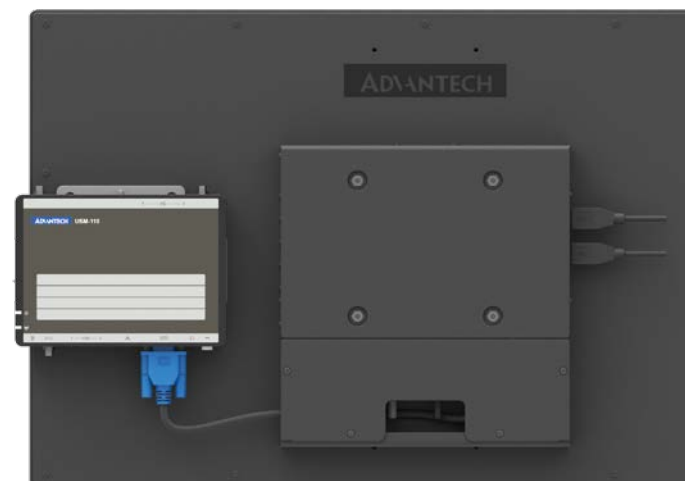
01
Unified AD board and modularized design fulfills flexible installation requirements

02
Multiple I/O

Advantech's VUE-2000 family provides a single AD board that covers VGA, HDMI, DP, and DVI input/output ports. It further provides 2 x USB type-A ports if the touch function fails and 1 x USB-type-B port for the touch signal and power adaptors. This frees users from worrying about I/O ports and allows them to focus on other application needs.

03
Eases peripheral device expansion

This solutions screw holes and USB 3.1 ports enable users to attach a camera, RFID, Wi-Fi sensor, card reader, and peripherals. Advantech's VUE-2000 series reserves screw areas for flexible AIO (all-in-one) IPC attachment.



04
Mounting bracket

Advantech's VUE-2000 series features screw holes on the rear side that enable users to attach a mounting bracket. They can use this bracket to attach the solution to equipment. This method may be heavier than OpenFrame, but is flexible enough to enable AIO functions while supporting extendable peripheral devices.

Star Products



VUE-2101

10.1" panel mount with PCAP touchscreen



VUE-2156

15.6" panel mount with PCAP touchscreen



VUE-2238

23.8" panel mount with PCAP touchscreen

VUE-3000

Medical Monitor

Advantech's VUE-3000 series is compliant with IEC 60601-1 certifications and features Digital Imaging and Communications in Medicine (DICOM) technology. This series includes 21.5" and 27" medical-grade monitors that deliver anti-reflection/fingerprint capabilities and remote diagnostics/interpretation via PACS (Picture Archiving and Communication System). They accommodate integration within OCT systems, ultrasound machines, and dialysis machines.



DICOM image performance



Multiple I/O



Portrait and landscape modes



CS10V capability for noise immunity



Anti-reflection and anti-fingerprint capabilities



Feature Highlights



01 DICOM (Digital Imaging and Communications in Medicine) features

High quality medical imaging enables doctors to precisely diagnose patients, and thus deliver proper medicine, therapy, and treatment. Advantech's VUE-3000 supports DICOM to increase medical process efficiency and accuracy.

02 6-axis color adjustment

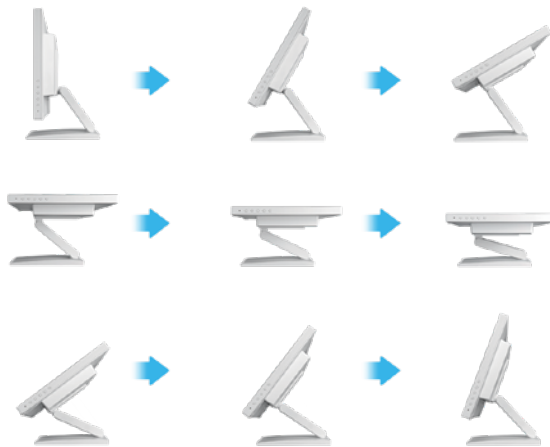
6-axis color adjustment empowers 6-parameter color (green, red, blue, cyan, magenta and yellow) adaptability. It enables users to adjust the monitor to specific color profiles; accurately displaying the monitor's color gamut in applications where color shade is a crucial consideration.

03 Gloved touch and active stylus pen capabilities

Advantech's VUE-3000 series features a highly-sensitive PCAP touchscreen for gloved operation. It supports 12 different glove materials — including latex (rubber), cotton, leather, nylon and polyurethane, leather and suede, cotton and nitrile, and wool — and stylus pen operation to accommodate diverse applications.

04 High quality, low-noise solution

Advantech's VUE-3000 medical touchscreen features CS10V capabilities to shield noise. It leverages anti-reflection and anti-fingerprint capabilities to deliver high quality images.



05 Adjustable dual-hinge stand

VUE-3000 touch displays can leverage dual-hinge stands to create verticals for photo/video displays. This stand can also create angles for easy touch input and stylus use via horizontal placement to fulfill diverse needs.

Star Products



VUE-3215
21.5" full HD PCAP medical-grade touch monitor with DICOM in white



VUE-3270
27" full HD PCAP medical-grade touch monitor, with DICOM in white

VUE-5000

Digital Signage Solution

Choosing solutions that fit different applications is vitally important. Advantech understands the requirements of varied applications, and has designed the following touch display selection guide to help you choose one that fits your unique requirements.



AC+DC power
input design



SDM slot



Portrait and
landscape modes



Operation hours



Power saving
capabilities



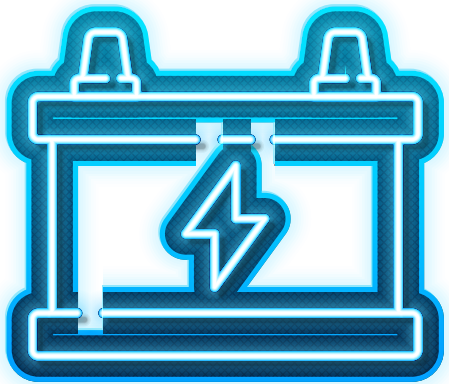
Feature Highlights



01 Portrait and landscape modes

Advantech VUE-5000 digital signage uses a special industrial liquid to avoid screen image LCD burns. It supports portrait and landscape modes to meet the demands of various applications.

Enhanced liquid structure and mechanical design. VUE-5000 signage solutions are designed for portrait and landscape installation.



03 AC and DC power input design

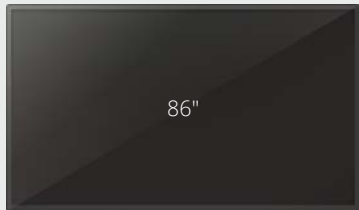
VUE-5000 series are designed to be energy efficient and cost effective solutions for consumers and mission critical customers. They support DC 90 ~ 144 VDC power inputs based on AC design.

02 Industrial-grade materials and design

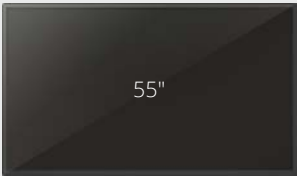
- As models range between 500 and 700 nits; Advantech's VUE-5000 digital signage is exceedingly luminous. Advantech's video walls and digitals signage are ideal for shopping centers and environments with high levels of ambient light.
- Additionally, the industrial-grade panel supports up to 18 hours of continuous operation for 7 days without sleep mode.
- VUE-5000 signage solutions boast an average 50,000 hours backlight Mean Time Between Failure (MTBF).



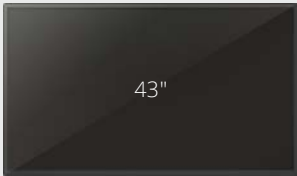
Star Products



VUE-5860
Advantech 86" UHD digital signage



VUE-5550
Advantech 55" UHD
digital signage



VUE-5430
Advantech 43" UHD
digital signage

VUE-5000

Digital Signage Solution

Choosing solutions that fit different applications is vitally important. Advantech understands the requirements of varied applications, and has designed the following touch display selection guide to help you choose one that fits your unique requirements.



AC+DC power input design



SDM slot



Portrait and landscape modes



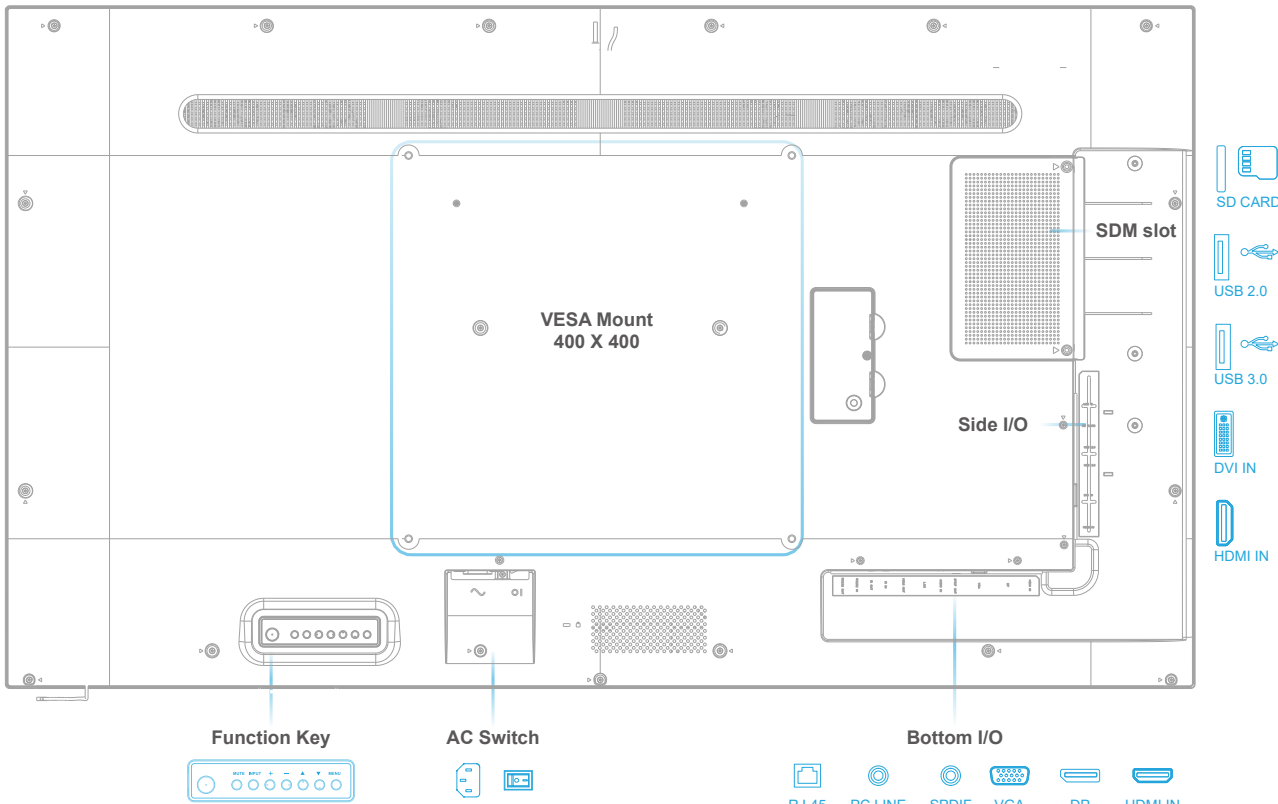
Operation hours



Power saving capabilities



Feature Highlights



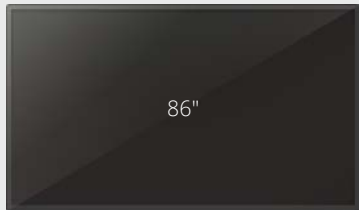
04 Adaptable Design

- Supports Intel® Smart Display Module for powerful and sleek integrated displays
- Built-in VGA/HDMI/DVI/DP/USB 3.0 ports to increase adaptability
- Supports 400 x 400 mm VESA mounting

05 PCAP and IR touch functionality

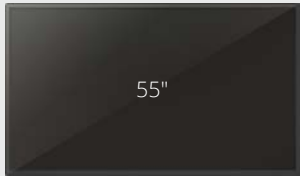
- Optional PCAP or IR touch functions
- CS10V noise immunity on PCAP touch models
- PCAP models support touch functionality in Windows, Linux, Android, Mac OS, and QNX

Star Products



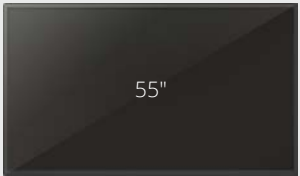
VUE-5860

Advantech 86" UHD IR touch digital signage



VUE-5550

Advantech 55" UHD PCAP touch digital signage



VUE-5550

Advantech 55" UHD IR touch digital signage

ADVANTECH'S INTELLIGENT FACTORY

Reshaping your Factory with Industrial Touch Displays

Covid-19 had a serious impact on factories. According to international research organization Gartner, manpower shortages and the inconvenience of job dispatching have caused productivity drops of at least 20% in some factories. Building smart factories capable of optimizing production processes has become increasingly important in addressing these issues.

Success Stories



Powering Real-time
Command Centers



Leveraging Paperless SOP



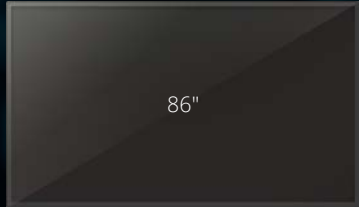
Augmenting Manufacturing
Process Control



Powering Real-time Command Centers

Star Products

Digital Signage



86"

Digital Signage



55"

Digital Signage Player



Creating Intelligent Factories Using Real-time Command Center Signage

Advantech's command center solution delivers overviews, intelligent interactive dashboards, and equipment status updates to enable remote monitoring and control. It also utilizes intelligent management to keep factory owners informed in real-time, and visualizes big data to optimize management efficiency.

VUE-5860

86" 4K2K ultra HD digital signage

- AC/DC power input design
- Portrait and landscape modes
- Power saving capabilities

VUE-5550

55" 4K2K ultra HD digital signage

- AC/DC power input design
- Portrait and landscape modes
- Power saving capabilities

DS-082

AMD Ryzen V1000 ultra-slim 3/4 display digital signage player

- AMD Ryzen V1000/R1000 processor
- AMD Radeon™ HD graphics
- 3/4 HDMI display output
- Resolution up to 4K



Leveraging Paperless SOP

Optimizing Production with Paperless SOP

Paperless operation enables engineers to remotely dispatch SOPs, avoid incorrect SOPs, and keep documents free from dust. It makes operations more efficient while reducing production downtime. It also improves a facilities ability to predict and adjust to changes.

Star Products

Panel Mount Monitor



ARM Based Box Computer



VUE-2156

15.6" panel mount with PCAP touchscreen

- IK08 impact protection
- Multiple I/O
- Easy expansion for peripheral devices
- CS10V capability for noise immunity
- IP65 rated front panel

EPC-R4680

ARM Based Box Computer with 4K display

- Rockchip RK3288 Quad-cores
- 2GB RAM and 8GB on board eMMC
- 4K/2K HDMI/VGA Dual Displays
- 6 UART, 5 USB2.0 & M.2/mPCIe

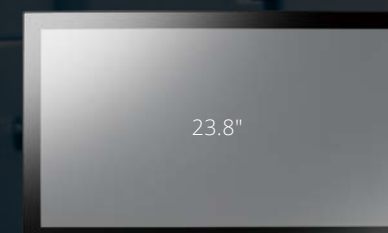
Augmenting Manufacturing Process Control

Improving Process Control by Increasing Production Delivery Efficiency and Accuracy

Deploying a signage or industrial display with the right external PC yields several advantages. It enables remote monitoring and management via a centralized platform and facilitates predictive maintenance and efficient troubleshooting. Additionally, it helps minimize IoT device downtime.

Star Products

Panel Mount Monitor



Slim Fanless Computer



VUE-2238

23.8" panel mount with PCAP touchscreen

- IK08 impact protection
- Multiple I/O
- Easy expansion for peripheral devices
- CS10V capability for noise immunity
- IP65 rated front panel

ARK-1551

Intel® 8th Generation Core™ i5/Celeron Slim Fanless Computer

- 8th Gen. Intel® Core™ i5/Celeron
- 2 x DDR4 2400MHz memory to 32G
- 4 x USB 3.1 Gen 2
- 4K/2K HDMI/VGA Dual Display

ADVANTECH'S Retail Solutions

Optimizing User Experiences and Improving Business Potential

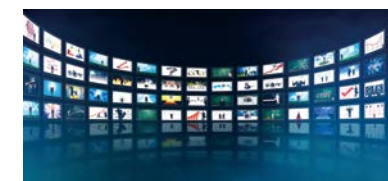
Advantech provides a wide range of intelligent retail and hospitality solutions including digital signage solutions, interactive multi-media systems, self-service kiosks, AI facial recognition systems, intelligent video analysis, and intelligent POS systems. Advantech aims to influence user behavior, and provide next generation intelligent services to a myriad of industries.



Success Stories



Broadcasting Advertisements



Optimizing Video Wall Solutions



Creating Self-service Kiosks



Empowering AI Facial Recognition



Enabling Occupancy Monitoring

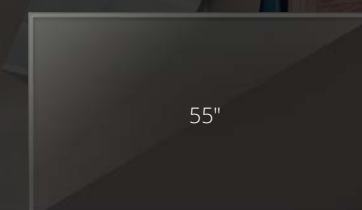
Broadcasting Advertisements

Branding, advertising, and influence through vivid media

Advantech's digital signage solutions include video walls and digital signage players. These solutions feature 4K2K ultra HD resolution screens and dual/quad HDMI outputs delivering vivid presentations that increase brand awareness.

Star Products

Digital Signage



VUE-5550

55" 4K2K ultra HD digital signage

- Portrait and landscape modes
- 18 hours by 7 days operation panel
- No screen burn
- Supports both AC / DC power input

Digital Signage Player



DS-082

AMD Ryzen V1000 digital signage player

- AMD Ryzen V1000/R1000 processor
- AMD Radeon™ HD graphics
- 3/4 HDMI display output
- Resolution up to 4K

Digital Signage Player



USM-110

Android signage player with CMS software bundle

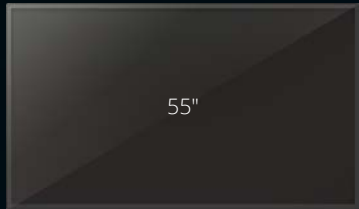
- CortexA17 quad-core processor, 2G/16G, 2*HDMI
- Multiple Media supported(Videos, Audios, Images, Scrolling text, Web...etc)
- Customized program remotely dispatch with flexible scheduling



Optimizing Video Wall Solutions

Star Products

Video Wall



Digital Signage Player



Delivering stunning and immersive visual experiences

Advantech's video wall solutions feature 4K2K ultra HD resolution screens and dual/quad HDMI outputs that deliver vivid presentations, seamless images, scalability to any size or shape, and excellent optical characteristics.

VUE-5550

55" full HD video wall

- Portrait and landscape modes
- Supports 24/7 panel operation
- No screen burn
- Supports both AC/DC power input

DS-082

AMD Ryzen V1000 digital signage player

- AMD Ryzen V1000/R1000 processor
- AMD Radeon™ HD graphics
- 3/4 HDMI display output
- Resolution up to 4K



Creating Self-service Kiosks

| Star Products

Panel Mount Monitor



ARM-based Box Computer



Thin High Performance Computer



Improving services and increasing profits

Advantech offers stylish, functional, and flexible kiosk solutions for various applications. These solutions improve service efficiency, guest experiences, and revenue.

VUE-2238

23.8" panel mount with PCAP touchscreen

- IK08 impact protection
- Multiple I/O
- Easy expansion for peripheral devices
- CS10V capability for noise defense
- IP65 rated front panel

EPC-R4710

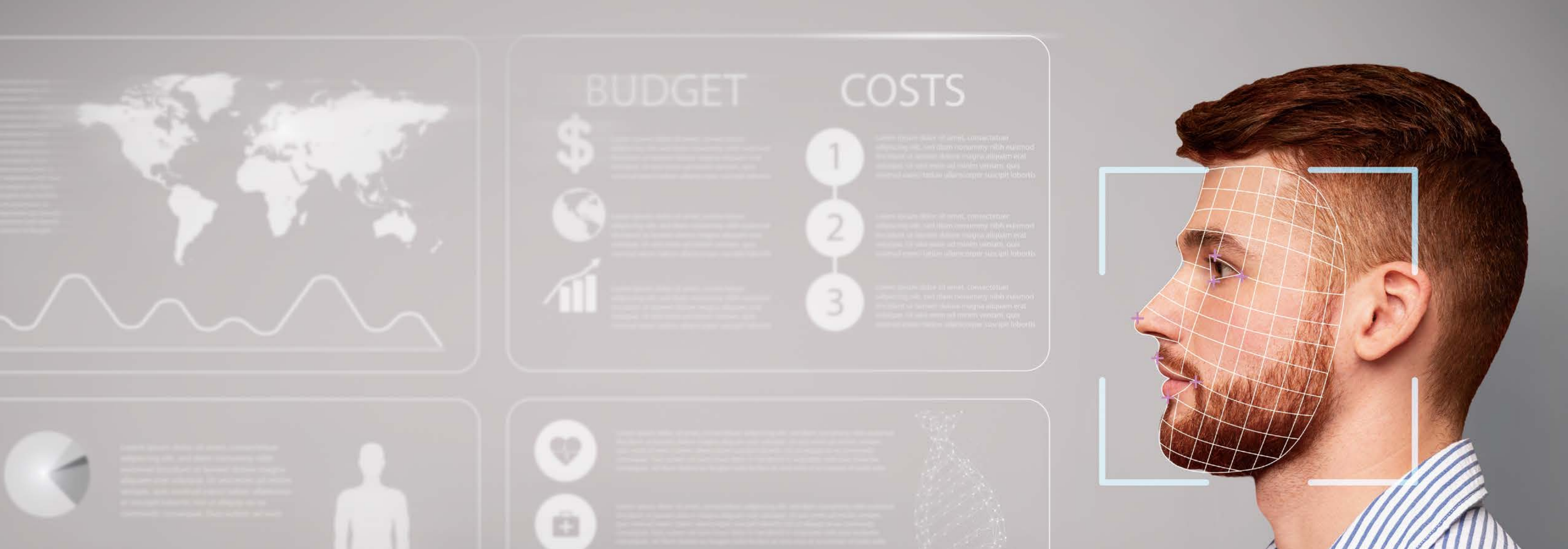
Rockchip RK3399 ARM-based box computer

- 2GB RAM and 16GB eMMC on board
- Dual HDMI (4K/2K) Displays
- 2 x GbE, 6 x UART, USB 3.0, and 5 x USB 2.0

EPC-T4286

Numerous expansion for VPU add-on modules

- Intel® Core™ i5-8500T
- Compact Design (188 x 188 x 44.2 mm/7.4 x 7.4 x 1.73 in)
- Diverse I/O including 6 x COM, 6 x USB, and 3 x LA



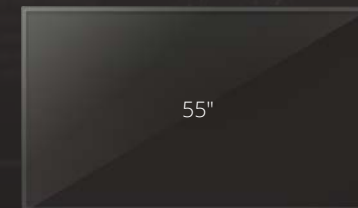
Empowering AI Facial Recognition

Delivering personalized services and improved satisfaction

When integrated with video analytics and data collection, Advantech AI recognition solutions offer occupancy monitoring, visitor thermal screening, and facial recognition systems. These solutions are designed for stores, stadiums, hotel lobbies, restaurants, and other public spaces.

| Star Products

Digital Signage



Occupancy Monitoring System



Smart 3D Camera



VUE-5550

55" 4K2K ultra HD digital signage

- Portrait and landscape modes
- 18 hours by 7 days operation panel
- No screen burn
- Supports both AC / DC power input

UBX-310UST-G1E-C

VideoSense edge with software bundle

- AMD Ryzen V1000/R1000 processor
- AMD Radeon™ HD graphics
- 3/4 HDMI display output
- Resolution up to 4K

UCAM-130

3D counting camera

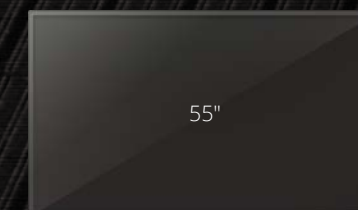
- Intelligent all-in-one device for data capture, analysis and delivery
- Easy installation and configuration via web browser
- High counting accuracy rate up to 98%



Enabling Occupancy Monitoring

| Star Products

Digital Signage



Occupancy Monitoring System



Smart 3D Camera



Enhance space allocation efficiency and safety

Real-time occupancy data is essential in maintaining effective social distancing policies and providing safe and healthy environments. This solution provides integrated digital signage and 3D counting cameras for flexible visual warnings, and allows users to quickly check and configure systems using the Occupancy Mobile app.

VUE-5550

55" 4K2K ultra HD digital signage

- Portrait and landscape modes
- 18 hours by 7 days operation panel
- No screen burn
- Supports both AC / DC power input

UBX-310UST-G1E-C

VideoSense edge with software bundle

- AMD Ryzen V1000/R1000 processor
- AMD Radeon™ HD graphics
- 3/4 HDMI display output
- Resolution up to 4K

UCAM-130

3D counting camera

- Intelligent all-in-one device for data capture, analysis and delivery
- Easy installation and configuration via web browser
- High counting accuracy rate up to 98%

ADVANTECH'S Medical & Health Care

Delivering Accurate Medical Imaging and Reliable Diagnostics

Hospitals comprise diverse wards, departments, and sections that necessitate different medical solutions. Advantech provides adaptable medical grade touch displays, single board computers, and motherboards aimed at varied hospital applications — including facial recognition, clinic check-in systems, digital signage solutions, outpatient services, bedside monitors, and ultrasound machines.

Success Stories



Integrating Entrance and Lobby
Solutions



Streamlining Clinic Check-in Systems



Improving Doctors' Offices



Improving Patient Room Facilities



Optimizing Ultrasound Machines



Improving Conference Room Systems

Integrating Entrance and Lobby Solutions

Ensuring hospital safety using advance security solutions

Advantech provides a number of security options, including a facial recognition solution, an integrated AI inference system, and 55" digital signage display. Users can leverage smart counting cameras to quickly assess visitors' age/gender/emotions at entry points or within waiting rooms.

I Star Products

Digital Signage



AI Fanless Inference System



Smart 3D Camera



VUE-5550

55" 4K2K ultra HD digital signage

- Portrait and landscape modes
- 18 hours by 7 days operation panel
- No screen burn
- Supports both AC / DC power input

Ei-A100

Intel® Myriad X VPU built-in

- Intel® Myriad™ X VPU built-in
- FaceView for facial recognition
- 4GB RAM, 64GB SSD and Win10 IoT bundled
- 4 x 4K HDMI, 2 x USB 3.0, 2 x USB 2.0, 1 x COM, and 1 x LAN

UCAM-130

3D counting camera

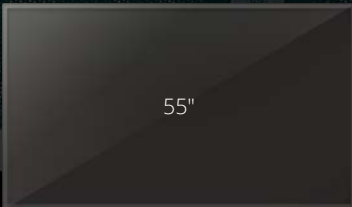
- Intelligent all-in-one device for data capture, analysis and delivery
- Easy installation and configuration via web browser
- High counting accuracy rate up to 98%



Improving Waiting Room Experiences

Star Products

Digital Signage



SDM-L Signage Player



Mini-ITX Motherboards



Offering personal and direct communication

Hospitals are creating functional and comfortable waiting rooms that use digital signage solutions. These solutions distribute news and announcements from government departments. They support the use of social media streams and other media formats.

VUE-5550

55" 4K2K ultra HD digital signage

- Portrait and landscape modes
- 18 hours by 7 days operation panel
- No screen burn
- Supports both AC / DC power input

DS-200

8th Generation Intel® Coffee Lake H

- Intel SDM-L form factor
- 3 x independent displays: golden finger (HDMI 2.0, DP1.2), front bracket (mini DP++)
- Supports Real 4K resolution
- Easy installation and maintenance with Intel® SDM slot-in design

AIMB-228

AMD V/R-series Quad Core Mini-ITX

- High performance 4 core Zen CPU with 8 threads and 32GB DDR4 SODIMM
- Vega GPU with 11 x compute units and Quad 4K display support
- Supports 8 x PCIe , 2 x M.2 expansion slots, 6 x COM, 4 x USB 2.0, and 2 x USB 3.2 x Gen 2

Streamlining Clinic Check-in Systems

Streamlining outpatient services and improving quality of care

Patients can self-identify and check-in for scheduled appointments by scanning their healthcare ID card. Digital signage solutions simultaneously display real-time OPD statuses and doctor information for individual clinic rooms.

Star Products

Medical Monitor



VUE-3270

27" full HD PCAP medical-grade touch monitor

- DICOM Part 14 GSDF compliant
- 6-axis color adjust (R/G/B/C/M/Y)
- Front IK08 impact protection
- Fingers, glove, and stylus touch
- Anti-reflect and anti-smudge treatment

COM-Express Compact



SOM-6882

8th Gen Intel® COMe Compact Module

- 8th Gen Intel U-Series Processor
- Dual channel DDR4 SODIMM, max 64GB
- On board eMMC up to 64G
- 4 x USB 3.2 Gen2, 8 x PCIe Gen 3 lanes

Single Board Computer



MIO-2361

Intel® Atom™ E3900 series Pico-ITX SBC

- Onboard LPDDR4-2400, Max. 8GB
- eMMC Max. 64GB
- -40 ~ 85 °C (-40 ~ 85 °F) passive thermal solution for E3900 series
- iManager 3.0 and Software APIs, WISEPaaS/DeviceOn



| Star Products

Medical-grade Monitor

Medical-grade Monitor

Stylus Pen

Improving Doctors' Offices



27"



21.5"



Increasing outpatient service efficiency and accuracy

Advantech's VUE-3000 series is compliant with IEC 60601-1 certifications and features Digital Imaging and Communications in Medicine (DICOM) technology. It supports portrait/landscape display modes and active stylus pen capabilities aimed at accurate and easy diagnostics and interpretation.

VUE-3270

27" full HD PCAP medical-grade touch monitor

- DICOM Part 14 GSDF compliant
- 6-axis color adjust (R/G/B/C/M/Y)
- Front IK08 impact protection
- Supports fingers, glove, and stylus touch
- Anti-reflect and anti-smudge treatment

VUE-3215

21.5" full HD PCAP Medical-grade touch monitor

- DICOM Part 14 GSDF compliant
- 6-axis color adjust (R/G/B/C/M/Y)
- Front IK08 impact protection
- Supports fingers, glove, and stylus touch
- Anti-reflect and anti-smudge treatment

960T-A15DEE-B0

Active Stylus Pen

- Adaptable with VUE touch display models
- End users can set the solutions to their applications needs
- One AAA battery is required



Improving Patient Room Facilities

Star Products

Medical-grade Monitor



Mini-ITX Motherboard



UTX Motherboards



Delivering excellent and effective healthcare services

Advantech's bedside and nursing cart solutions help provide real-time parameters and analysis aimed at accommodating different clinical environments. When connected to nursing stations they deliver effective, patient-centric services.

VUE-3215

21.5" full HD PCAP medical-grade touch monitor

- DICOM Part 14 GSDF compliant
- 6-axis color adjust (R/G/B/C/M/Y)
- Front IK08 impact protection
- Fingers, glove, and stylus touch
- Anti-reflective and anti-smudge treatment

AIMB-233

8th Gen Intel® Core™ U i5 THIN Mini-ITX

- 8th Gen Intel® Core U i5
- Up to 64GB DDR4 2400 memory
- Supports multiple display I/O
- Wide range 12~24V DC input
- -20 ~ 70 °C (-4 ~ 158 °F) operating temperature

AIMB-U233

8th Gen Intel® Core™ i5 UTX motherboard

- Palm-sized motherboard design (112 x 137 mm)
- Powerful 8th generation Intel® Core™ i processor for fanless operation
- Diverse I/O and system expansion slots: 4x COM, 4x USB, 2x HDMI, 2x GbE LAN, 16-bit GPIO, and 3x M.2 expansion slots



Optimizing Ultrasound Machines

| Star Products

Medical-grade Monitor



Mini-ITX Motherboard



UTX Motherboards



Enhancing diagnostic confidence using accurate medical imaging

Ultrasound machines provide advanced diagnostic capabilities that streamline and shorten diagnostic processes. Advantech's VUE-3000 medical grade monitor, SBCs, and Computers-on-Module integrate existing systems and infrastructure with ease.

VUE-3215

21.5" full HD PCAP medical-grade touch monitor

- DICOM Part 14 GSDF compliant
- 6-axis color adjust (R/G/B/C/M/Y)
- Front IK08 impact protection
- Fingers, glove, and stylus touch
- Anti-reflective and anti-smudge treatment

MIO-5373

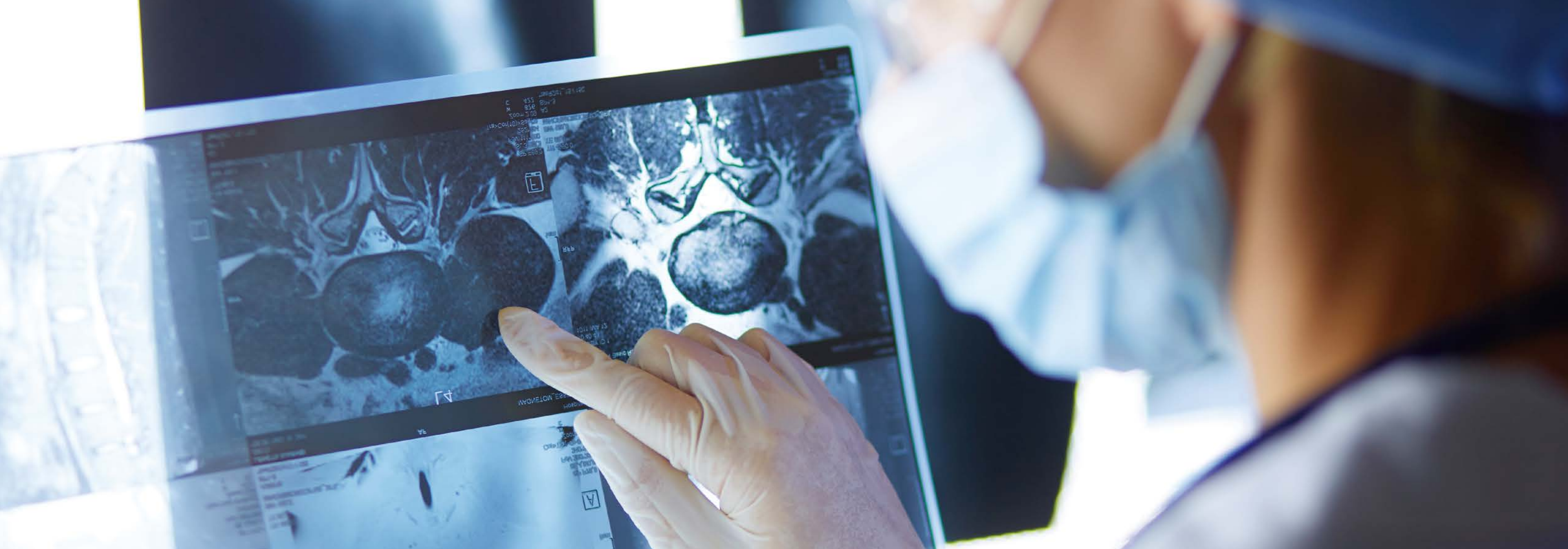
Intel® Core i7 3.5" SBC w/ MIOe

- Intel® Core™ Processor with Quad/Dual Cores, TDP 15W
- Dual Channel DDR4-2400 Max. 32GB
- Onboard eMMC Max. 64GB
- Triple simultaneous displays, 2 x GbE, 4 x USB 3.1, M.2 B-Key 2280 supports NVMe

ROM-7421

NXP ARM Cortex-A9 i.MX6 Qseven 2.0 Module

- Onboard DDR3 memory 1 GB/2 GB
- Onboard eMMC NAND Flash 4 GB
- Supports OpenGL ES 2.0 and OpenVG 1.1 hardware accelerators, full HD 1080p video codec
- HDMI, Dual Channel 24bit LVDS



Powering OCT Machines

Enhancing diagnostic confidence using accurate medical imaging

OCT machines provide advanced diagnostic capabilities that streamline and shorten diagnostic processes. Advantech's VUE-3000 medical grade monitor, SBCs, and Computers-on-Module integrate existing systems and infrastructure with ease.

Star Products

Medical-grade Monitor



COM-Express Compact



Single Board Computer



VUE-3215

21.5" full HD PCAP medical-grade touch monitor

- DICOM Part 14 GSDF compliant
- 6-axis color adjust (R/G/B/C/M/Y)
- Front IK08 impact protection
- Supports fingers, glove, and stylus touch
- Anti-reflective and anti-smudge treatment

SOM-6882

Intel® 8th Gen COMe Compact Module

- 8th Gen Intel U-Series Processor
- Dual channel DDR4 SODIMM, max 64GB
- On board eMMC up to 64G
- 4 x USB 3.2 Gen 2, 8 x PCIe Gen 3 lanes

MIO-2360

Intel® Pentium N4200 Pico-ITX SBC

- DDR3L 1866MHz Max. 8BG
- Dual display: 24-bit LVDS+VGA/HDMI
- -40 ~ 85 °C (-40 ~ 185 °), passive thermal solution for E3900 series
- iManager 3.0 and Software APIs, WISE-PaaS/DeviceOn

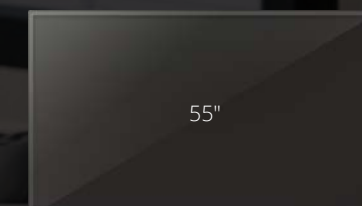
Improving Conference Room Systems

Synchronizing medical imaging and diagnostic consultation

Patients scheduled for surgery, radiation/chemotherapy, and other procedures require accurate consultation. Advantech's digital signage solutions provide 4/2K ultra HD resolution and PCAP touch screens to improve patient/staff meetings.

| Star Products

Digital Signage

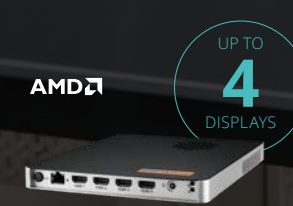


VUE-5550

55" 4K2K ultra HD digital signage

- Portrait and landscape modes
- 18 hours by 7 days operation panel
- No screen burn
- Supports AC/DC power inputs

Digital Signage Player



DS-082

AMD Ryzen V1000 digital signage player

- AMD Ryzen V1000/R1000 processor
- AMD Radeon™ HD graphics
- 3/4 HDMI display output
- Resolution up to 4K



Leveraging CT Scan/PACS

Star Products

Medical-grade Monitor



COM-Express Compact



MicroATX Motherboards



Optimizing Color Performance for Medical Images

CT scans are useful in detecting various diseases, abnormalities, and injuries. Advantech's VUE-3000 uses a motherboard to conduct remote diagnostics, and DICOM to connect to MRI, CT scan, and PACS.

VUE-3270

27" full HD PCAP medical-grade touch monitor

- DICOM Part 14 GSDF compliant
- 6-axis color adjust (R/G/B/C/M/Y)
- Front IK08 impact protection
- Supports fingers, glove, and stylus touch
- Supports anti-reflective and anti-smudge treatment

SOM-6869

Intel Atom COMe Compact Module

- Intel Atom E3900, Pentium, Celeron Processors
- Dual Channel DDR3L memory, Max 8GB
- Up to 3 Simultaneous Displays
- -40 ~ 85 °C (-40 ~ 185 °F) Operational Temperature

AIMB-586

Intel® Xeon® E3, MicroATX (LVDS)

- 8th/ 9th Gen Intel® Xeon® processor with C246 chipset
- Supports HDMI 2.0a(optional), 2 x DP++, eDP/LVDS (optional) displays
- Supports triple independent display
- Supports DirectX11.1, OpenGL 5.0 and OpenCL 2.1

Product Selection

VUE-3000 Series

Advantech's VUE-3000 series is compliant with IEC 60601-1 certifications and features Digital Imaging and Communications in Medicine (DICOM) technology.



VUE-5000 Series

The VUE-5000 series includes non-touch, PCAP touch, and IR touch solutions. It features high image quality with IPS, has an elegant design with a narrow bezel, and accepts 90 ~ 144VDC power input based on AC power design.



VUE-2000 Series

Advantech's VUE-2000 series features high-sensitivity PCAP touchscreen for gloved operation and CS10V capabilities for noise immunity. They incorporate ruggedized vibration-resistant IK07 and IK08 certified designs with multiple I/O.

VUE-2000
Panel Mount Monitor



Model name	VUE-2101		VUE-2156	
Part Number	VUE-2101-WX50PX-A4	VUE-2101-WX50MX-A4	VUE-2156-FD45PX-N4	VUE-2156-FD45MX-N4
Description	10.1" Touch Panel Mount	10.1" Panel Mount	15.6" Touch Panel Mount	15.6" Panel Mount
Brand	Advantech	Advantech	Advantech	Advantech
Features	10-point touch function (PCAP)	1.8mm anti-glare (AG) cover glass	10-point touch function (PCAP)	1.8mm anti-glare (AG) cover glass
	Industrial-grade display module	Industrial-grade display module	Industrial-grade display module	Industrial-grade display module
	Installation of multi-way	Installation of multi-way	Installation of multi-way	Installation of multi-way
	Diverse connectivity for multi-media	Diverse connectivity for multi-media	Diverse connectivity for multi-media	Diverse connectivity for multi-media
	Front IP65 water-proof rating	Front IP65 water-proof rating	Front IP65 water-proof rating	Front IP65 water-proof rating

Display				
Active Screen Size	10.1 inch	10.1 inch	15.6 inch	15.6 inch
Aspect Ratio	16:10 (Wide)	16:10 (Wide)	16:9 (Wide)	16:9 (Wide)
Resolution	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1920 x 1080 (FHD)	1920 x 1080 (FHD)
Brightness	500 nits (Typ.)	500 nits (Typ.)	450 nits (Typ.)	450 nits (Typ.)
Backlight Life (Hours)	50,000 (Typ.)	50,000 (Typ.)	50,000 (Typ.)	50,000 (Typ.)

Touch				
Touch Type	Projected Capacitive Touch (PCAP)	N/A	Projected Capacitive Touch (PCAP)	N/A
Touch Method	Finger/Glove/Active Stylus	N/A	Finger/Glove/Active Stylus	N/A

Connectivity				
Video Input	1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort	1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort	1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort	1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort
Audio Inout	1 x audio line in	1 x audio line in	1 x audio line in	1 x audio line in
Video Output	2W+2W Internal Speaker	2W+2W Internal Speaker	2W+2W Internal Speaker	2W+2W Internal Speaker
Other Ports/Slots	USB typeB x 1 (for touch), USB typeA 3.0 x 2	USB typeA 3.0 x 2	USB typeB x 1 (for touch), USB typeA 3.0 x 2	USB typeA 3.0 x 2

Power				
Power Type	External Adapter, AC to DC, 19V	External Adapter, AC to DC, 19V	External Adapter, AC to DC, 19V	External Adapter, AC to DC, 19V
Power Input	100-240VAc, 50-60Hz, 1.5A	100-240VAc, 50-60Hz, 1.5A	100-240VAc, 50-60Hz, 1.5A	100-240VAc, 50-60Hz, 1.5A
Power Consumption	15W (Typ.)	13W (Typ.)	24W (Typ.)	22W (Typ.)

Mechanical Design/Installation				
Housing Material	0.8 mm sheet metal (black)	0.8 mm sheet metal (black)	0.8 mm sheet metal (black)	0.8 mm sheet metal (black)
Waterproof Rating	Front IP65	Front IP65	Front IP65	Front IP65
Installation Rotation	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait
Mounting on Wall/Machine	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid
Mounting with Stand/Arm	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid
Mounting Bracket	64 mm, Side mount screw hole	64 mm, Side mount screw hole	64 mm, Side mount screw hole	64 mm, Side mount screw hole
Extending PC/Peripherals	64 mm, Side mount screw hole	64 mm, Side mount screw hole	64 mm, Side mount screw hole	64 mm, Side mount screw hole

Optional Accessories				
Active Stylus	96OT-A15DEE-B0	96OT-A15DEE-B0	96OT-A15DEE-B0	96OT-A15DEE-B0
Desktop Stand	N/A	N/A	96OT-DS-10H10V-M	96OT-DS-10H10V-M
Wall Mount Arm	96OT-WM-10H10V2	96OT-WM-10H10V2	96OT-WM-10H10V2	96OT-WM-10H10V2



Model name	VUE-2238		VUE-2150
Part Number	VUE-2238-FD35PX-N4	VUE-2238-FD35MX-N4	VUE-2150-XA50PX-N4
Description	23.8" Touch Panel Mount	23.8" Panel Mount	15.0" Touch Panel Mount
Brand	Advantech	Advantech	Advantech
Features	10-point touch function (PCAP)	1.8mm anti-glare (AG) cover glass	10-point touch function (PCAP)
	Industrial-grade display module	Industrial-grade display module	Industrial-grade display module
	Installation of multi-way	Installation of multi-way	Installation of multi-way
	Diverse connectivity for multi-media	Diverse connectivity for multi-media	Diverse connectivity for multi-media
	Front IP65 water-proof rating	Front IP65 water-proof rating	Front IP65 water-proof rating

Display			
Active Screen Size	23.8 inch	23.8 inch	15.0 inch
Aspect Ratio	16:9 (Wide)	16:9 (Wide)	4:3 (Square)
Resolution	1920 x 1080 (FHD)	1920 x 1080 (FHD)	1024 x 768 (XGA)
Brightness	350 nits (Typ.)	350 nits (Typ.)	500nits (Typ.)
Backlight Life (Hours)	30,000 (Typ.)	30,000 (Typ.)	50,000 (Typ.)

Touch			
Touch Type	Projected Capacitive Touch (PCAP)	N/A	Projected Capacitive Touch (PCAP)
Touch Method	Finger/Glove/Active Stylus	N/A	Finger/Glove/Active Stylus

Connectivity			
Video Input	1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort	1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort	1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort
Audio Inout	1 x audio line in	1 x audio line in	1 x audio line in
Video Output	2W+2W Internal Speaker	2W+2W Internal Speaker	3W+3W Internal Speaker
Other Ports/Slots	USB typeB x 1 (for touch), USB typeA 3.0 x 2	USB typeA 3.0 x 2	9 pin D-Sub x 1 (For external Function key)

Power			
Power Type	External Adapter, AC to DC, 19V	External Adapter, AC to DC, 19V	External Adapter, AC to DC, 12V
Power Input	100-240VAc, 50-60Hz, 1.5A	100-240VAc, 50-60Hz, 1.5A	100-240VAc, 50-60Hz, 1A
Power Consumption	35W (Typ.)	32W (Typ.)	18W (Typ.)

Mechanical Design/Installation			
Housing Material	1.0 mm sheet metal (black)	1.0 mm sheet metal (black)	1.0 mm steel metal (black), Aluminium bezel
Waterproof Rating	Front IP65	Front IP65	Front IP65
Installation Rotation	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait
Mounting on Wall/Machine	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid
Mounting with Stand/Arm	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid
Mounting through Bracket	64 mm, Side mount screw hole	64 mm, Side mount screw hole	75 mm, Side mount screw hole
Extending PC/Peripherals	64 mm, Side mount screw hole	64 mm, Side mount screw hole	75 mm, Side mount screw hole

Optional Accessory			
Active Stylus	96OT-A15DEE-B0	96OT-A15DEE-B0	96OT-A15DEE-B0
Desktop Stand	96OT-DS-10H10V-L	96OT-DS-10H10V-L	N/A
Wall Mount Arm	96OT-WM-10H10V2	96OT-WM-10H10V2	96OT-WM-10H10V2

VUE-3000

Medical Grade Touch Monitor



Model name	VUE-3215		VUE-3270	
Part Number	VUE-3215-FD25PX-N5	VUE-3215-FD25PX-N6	VUE-3270-FD30PX-A5	UE-3270-FD30PX-A6
Description	21.5" Touch Monitor (White)	21.5" Touch Monitor (Black)	27.0" Touch Monitor (White)	27.0" Touch Monitor (Black)
Brand	Advantech	Advantech	Advantech	Advantech
Features	Elegant white housing	Classic black housing	Elegant white housing	Classic black housing
	AR+AS coating best fit with medical	AR+AS coating best fit with medical	AR+AS coating best fit with medical	AR+AS coating best fit with medical
	10-point touch function (PCAP)	10-point touch function (PCAP)	10-point touch function (PCAP)	10-point touch function (PCAP)
	Industrial-grade dsiplay module	Industrial-grade dsiplay module	Industrial-grade dsiplay module	Industrial-grade dsiplay module
	Diverse connectivity for multi-media	Diverse connectivity for multi-media	Diverse connectivity for multi-media	Diverse connectivity for multi-media

Display				
Active Screen Size	21.5 inch	21.5 inch	27.0 inch	27.0 inch
Aspect Ratio	16:9 (Wide)	16:9 (Wide)	16:9 (Wide)	16:9 (Wide)
Resolution	1920 × 1080 (FHD)	1920 × 1080 (FHD)	1920 × 1080 (FHD)	1920 × 1080 (FHD)
Brightness	300nits (Typ.)	300nits (Typ.)	300nits (Typ.)	300nits (Typ.)
Backlight Life (Hours)	50,000 (Typ.)	50,000 (Typ.)	40,000 (Typ.)	40,000 (Typ.)

Touch				
Touch Type	Projected Capacitive Touch (PCAP)	Projected Capacitive Touch (PCAP)	Projected Capacitive Touch (PCAP)	Projected Capacitive Touch (PCAP)
Touch Method	Finger/Glove/Active Stylus	Finger/Glove/Active Stylus	Finger/Glove/Active Stylus	Finger/Glove/Active Stylus

Connectivity				
Video Input	1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort	1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort	1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort	1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort
Audio Inout	1 x audio line in	1 x audio line in	1 x audio line in	1 x audio line in
Video Output	2W+2W Internal Speaker	2W+2W Internal Speaker	2W+2W Internal Speaker	2W+2W Internal Speaker
Other Ports/Slots	1 x USB type B (for touch), 2 x USB type A 3.0	1 x USB type B (for touch), 2 x USB type A 3.0	1 x USB type B (for touch), 2 x USB type A 3.0	1 x USB type B (for touch), 2 x USB type A 3.0

Power				
Power Type	External Adapter, AC to DC, 19V	External Adapter, AC to DC, 19V	External Adapter, AC to DC, 19V	External Adapter, AC to DC, 19V
Power Input	100-240VAc, 50-60Hz, 2.5A	100-240VAc, 50-60Hz, 2.5A	100-240VAc, 50-60Hz, 2.5A	100-240VAc, 50-60Hz, 2.5A
Power Consumption	35W (Typ.)	35W (Typ.)	40W (Typ.)	40W (Typ.)

Mechanical Design/Installation				
Housing Material	Plastic Texture (White)	Plastic Texture (Black)	Plastic Texture (White)	Plastic Texture (Black)
Waterproof Rating	N/A	N/A	N/A	N/A
Installation Rotation	Landscape	Landscape	Landscape	Landscape
Mounting on Wall/Machine	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid
Mounting with Stand/Arm	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid
Mounting through Bracket	N/A	N/A	N/A	N/A
Extending PC/Peripherals	N/A	N/A	N/A	N/A

Optional Accessory				
Active Stylus	96OT-A15DEE-B0	96OT-A15DEE-B0	96OT-A15DEE-B0	96OT-A15DEE-B0
Desktop Stand	Packing included	Packing included	Packing included	Packing included
Wall Mount Arm	96OT-WM-10H10V2	96OT-WM-10H10V2	96OT-WM-10H10V2	96OT-WM-10H10V2

IT Grade Touch Monitor



Model name	VUE-3215		VUE-3270	
Part Number	VUE-3215-FD25PX-N3	VUE-3215-FD25PX-N4	VUE-3270-FD30PX-A3	VUE-3270-FD30PX-A4
Description	21.5" Touch Monitor (White)	21.5" Touch Monitor (Black)	27.0" Touch Monitor (White)	27.0" Touch Monitor (Black)
Brand	Advantech	Advantech	Advantech	Advantech
Features	Elegant white housing	Classic black housing	Elegant white housing	Classic black housing
	AR+AS coating best fit with medical	AR+AS coating best fit with medical	AR+AS coating best fit with medical	AR+AS coating best fit with medical
	10-point touch function (PCAP)	10-point touch function (PCAP)	10-point touch function (PCAP)	10-point touch function (PCAP)
	Industrial-grade dsiplay module	Industrial-grade dsiplay module	Industrial-grade dsiplay module	Industrial-grade dsiplay module
	Diverse connectivity for multi-media	Diverse connectivity for multi-media	Diverse connectivity for multi-media	Diverse connectivity for multi-media

Display				
Active Screen Size	21.5 inch	21.5 inch	27.0 inch	27.0 inch
Aspect Ratio	16:9 (Wide)	16:9 (Wide)	16:9 (Wide)	16:9 (Wide)
Resolution	1920 × 1080 (FHD)	1920 × 1080 (FHD)	1920 × 1080 (FHD)	1920 × 1080 (FHD)
Brightness	300nits (Typ.)	300nits (Typ.)	300nits (Typ.)	300nits (Typ.)
Backlight Life (Hours)	50,000 (Typ.)	50,000 (Typ.)	40,000 (Typ.)	40,000 (Typ.)

Touch				
Touch Type	Projected Capacitive Touch (PCAP)	Projected Capacitive Touch (PCAP)	Projected Capacitive Touch (PCAP)	Projected Capacitive Touch (PCAP)
Touch Method	Finger/Glove/Active Stylus	Finger/Glove/Active Stylus	Finger/Glove/Active Stylus	Finger/Glove/Active Stylus

Connectivity				
Video Input	1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort	1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort	1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort	1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort
Audio Inout	1 x audio line in	1 x audio line in	1 x audio line in	1 x audio line in
Video Output	2W+2W Internal Speaker	2W+2W Internal Speaker	2W+2W Internal Speaker	2W+2W Internal Speaker
Other Ports/Slots	1 x USB type B (for touch), 2 x USB type A 3.0	1 x USB type B (for touch), 2 x USB type A 3.0	1 x USB type B (for touch), 2 x USB type A 3.0	1 x USB type B (for touch), 2 x USB type A 3.0

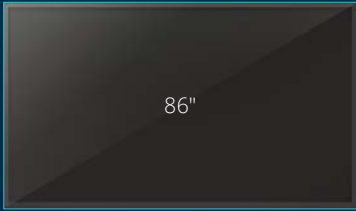
Power				
Power Type	External Adapter, AC to DC, 19V	External Adapter, AC to DC, 19V	External Adapter, AC to DC, 19V	External Adapter, AC to DC, 19V
Power Input	100-240VAc, 50-60Hz, 2.5A	100-240VAc, 50-60Hz, 2.5A	100-240VAc, 50-60Hz, 2.5A	100-240VAc, 50-60Hz, 2.5A
Power Consumption	35W (Typ.)	35W (Typ.)	40W (Typ.)	40W (Typ.)

Mechanical Design/Installation				
Housing Material	Plastic Texture (White)	Plastic Texture (Black)	Plastic Texture (White)	Plastic Texture (Black)
Waterproof Rating	N/A	N/A	N/A	N/A
Installation Rotation	Landscape	Landscape	Landscape	Landscape
Mounting on Wall/Machine	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid
Mounting with Stand/Arm	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid	100 x 100 mm, VESA grid
Mounting through Bracket	N/A	N/A	N/A	N/A
Extending PC/Peripherals	N/A	N/A	N/A	N/A

Optional Accessory				
Active Stylus	96OT-A15DEE-B0	96OT-A15DEE-B0	96OT-A15DEE-B0	96OT-A15DEE-B0
Desktop Stand	Packing included	Packing included	Packing included	Packing included
Wall Mount Arm	96OT-WM-10H10V2	96OT-WM-10H10V2	96OT-WM-10H10V2	96OT-WM-10H10V2

VUE-5000

Digital Signage



Model name	VUE-5860	VUE-5550
Part Number	VUE-5860-UD41SX-L0	VUE-5550-UD50SX-V0
Description	86" 4K Ultra HD IR Touch Digital Signage	55" 4K Ultra HD Digital Signage
Brand	Advantech	Advantech
Features	Vivid 4K Ultra HD resolution	Vivid 4K Ultra HD resolution
	Reliable 18x7 operation	Reliable 18x7 operation
	Convenient USB Plug and Play	With SDM slot for optional computing
	Diverse connectivity for multi-media	Convenient USB Plug and Play
	Support both AC and DC power input	Diverse connectivity for multi-media

Display		
Active Screen Size	85.6"	54.6"
Aspect Ratio	16:9 (Wide)	16:9 (Wide)
Resolution	3840 x 2160 (UHD)	3840 x 2160 (UHD)
Brightness	410 nits (Typ.)	500 nits (Typ.)
Backlight Life (Hours)	50,000 (Typ.)	30,000 (Typ.)

Touch		
Touch Type	Infrared Touch (IR)	N/A
Touch Method	20-Point Touch (USB typeB interface)	N/A

Connectivity		
Video Input	HDMI x 4, VGA x 1, Display Port x 1	HDMI x 2, VGA x 1, DVI x 1, DisplayPort x 1
Audio Inout	1 x audio line in	1 x audio line in
Control Inout	1 x RS-232, 1 x IR, 1 x LAN	1 x RS-232, 1 x IR
Other Ports/Slots	1 x Micro SD Card slot, 1 x OPS slot, 4 x USB type A	1 x SDM-L, 1 x Micro SD Card slot, 1 x USB type A 2.0, 1 x USB type A 3.0, 1 x HDMI
Video Output	N/A	HDMI x 1
Audio Output	10W+10W internal speaker, 1 x audio Line out	10W+10W internal speaker, 1 x audio Line out
Control Output	1 x RS-232, 1 x IR	1 x RS-232, 1 x IR

Power		
Power Type	Internal power board	Internal power board
Power Input	100-240VAc, 50-60Hz, 6A	100-240VAc, 50-60Hz, 3.2A
Power Consumption	300W (Typ.)	140W (Typ.)

Mechanical Design		
Housing Material	Plastic Texture (Black)	Plastic Texture (Black)
Waterproof Rating	N/A	N/A
Installation Rotation	Landscape	Landscape/Portrait
Mounting on Wall/Machine	400 x 600 mm, VESA grid	400 x 400 mm, VESA grid

Optional Accessory		
Wall Mount (Adjustable)	96OT-WM-80H50V	96OT-WM-40H40V
Wall Mount (Fixed)	N/A	96OT-WM-40H40VF

Model name	VUE-5550	VUE-5430
Part Number	VUE-5550-UD50IX-V0	VUE-5430-UD50SX-V0
Description	55" 4K Ultra HD IR Touch Digital Signage	43" 4K Ultra HD Digital Signage
Brand	Advantech	Advantech
Features	Vivid 4K Ultra HD resolution	Vivid 4K Ultra HD resolution
	Reliable 18x7 operation	Reliable 18x7 operation
	With SDM slot for optional computing	With SDM slot for optional computing
	Convenient USB Plug and Play	Convenient USB Plug and Play
	Advanced IR 20-point touch	Diverse connectivity for multi-media

Display		
Active Screen Size	54.6"	43"
Aspect Ratio	16:9 (Wide)	16:9 (Wide)
Resolution	3840 x 2160 (UHD)	3840 x 2160 (UHD)
Brightness	500 nits (Typ.)	500 nits (Typ.)
Backlight Life (Hours)	30,000 (Typ.)	30,000 (Typ.)

Touch		
Touch Type	Infrared Touch (IR)	N/A
Touch Method	20-Point Touch (USB typeB interface)	N/A

Connectivity		
Video Input	HDMI x 2, VGA x 1, DVI x 1, DisplayPort x 1	2 x HDMI, 1 x VGA
Audio Inout	1 x audio line in	1 x audio line in
Control Inout	1 x RS-232 , 1 x IR	1 x RS-232, 1 x IR, 1 x LAN
Other Ports/Slots	1 x SDM-L, 1 x Micro SD Card slot, 1 x USB type A 2.0, 1 x USB type A 3.0, 1 x HDMI	1 x SDM-L, 1 x Micro SD Card slot, 1 x USB type A 2.0, 1 x USB type A 3.0, 1 x HDMI
Video Output	HDMI x 1	N/A
Audio Output	10W+10W internal speaker, 1 x audio Line out	10W+10W internal speaker, 1 x audio Line out
Control Output	1 x RS-232, 1 x IR	1 x RS-232, 1 x IR

Power		
Power Type	Internal power board	Internal power board
Power Input	100-240VAc, 50-60Hz, 3.2A	100-240VAc, 50-60Hz, 2.6A
Power Consumption	140W (Typ.)	116W (Typ.)

Mechanical Design		
Housing Material	Plastic Texture (Black)	Plastic Texture (Black)
Waterproof Rating	N/A	N/A
Installation Rotation	Landscape/Portrait	Landscape/Portrait
Mounting on Wall/Machine	400 x 400 mm, VESA grid	200 x 200 mm, VESA grid

Optional Accessory		
Wall Mount (Adjustable)	96OT-WM-40H40V	96OT-WM-40H40V
Wall Mount (Fixed)	96OT-WM-40H40VF	96OT-WM-40H40VF

Regional Service & Customization Centers

China	Kunshan 86-512-5777-5666	Taiwan	Taipei 886-2-7732-3399	Netherlands	Eindhoven 31-40-267-7000	Poland	Warsaw 00800-2426-8080	USA	Milpitas, CA 1-408-519-3898
--------------	-----------------------------	---------------	---------------------------	--------------------	-----------------------------	---------------	---------------------------	------------	--------------------------------

Worldwide Offices

Asia Pacific

Taiwan	
Toll Free	0800-777-111
Taipei & IoT Campus	886-2-7732-3399
Taichung	886-4-2372-5058
Kaohsiung	886-7-392-3600
China	
Toll Free	800-810-0345
Beijing	86-10-6298-4346
Shanghai	86-21-3632-1616
Shenzhen	86-755-8212-4222
Chengdu	86-28-8545-0198
Hong Kong	852-2720-5118

Asia Pacific

Japan	
Toll Free	0800-500-1055
Tokyo	81-3-6802-1021
Osaka	81-6-6267-1887
Nagoya	81-0800-500-1055
Nogata	81-949-22-2890
Korea	
Toll Free	080-363-9494/5
Seoul	82-2-3660-9255
Singapore	
Singapore	65-6442-1000
Malaysia	
Kuala Lumpur	60-3-7725-4188
Penang	60-4-537-9188
Thailand	
Bangkok	66-02-2488306-9
Vietnam	
Hanoi	84-24-3399-1155
Hochiminh	84-28-3836-5856
Indonesia	
Jakarta	62-21-751-1939
Australia	
Toll Free	1300-308-531
Melbourne	61-3-9797-0100
India	
Bangalore	91-94-4839-7300
Pune	91-94-2260-2349

Europe

Netherlands	
Eindhoven	31-40-267-7000
Breda	31-76-523-3100
Germany	
Toll Free	00800-2426-8080/81
Munich	49-89-12599-0
Düsseldorf	49-2103-97-855-0
France	
Paris	33-1-4119-4666
Italy	
Milan	39-02-9544-961
UK	
Newcastle	44-0-191-262-4844
London	44-0-870-493-1433
Spain	
Madrid	34-91-668-86-76
Sweden	
Stockholm	46-0-864-60-500
Poland	
Warsaw	48-22-31-51-100
Russia	
Moscow	8-800-555-01-50
St. Petersburg	8-812-332-57-27
	8-921-575-13-59
Czech Republic	
Ústí nad Orlicí	420-465-524-421
Ireland	
Galway	353-91-792444

Americas

North America	
Toll Free	1-888-576-9668
Cincinnati	1-513-742-8895
Milpitas	1-408-519-3898
Irvine	1-949-420-2500
Ottawa	1-815-433-5100
Chicago	1-888-576-9668
Boston	1-800-866-6008
Brazil	
Toll Free	0800-770-5355
São Paulo	55-11-5592-5367
Mexico	
Toll Free	1-800-467-2415
Mexico City	52-55-6275-2777
Guadalajara	52-33-3169-7670
Middle East and Africa	
Israel	072-2410527
Turkey	90-212-222-0422
Turkey-Bursa	90-224-413-3134

ADVANTECH

**Industrial
APS**

Industrial Allied Procurement Services

Please verify specifications before ordering. This guide is intended for reference purposes only.
All product specifications are subject to change without notice.
No part of this publication may be reproduced in any form or by any means, electronic, photocopying, recording or otherwise, without prior written permission of the publisher.
All brand and product names are trademarks or registered trademarks of their respective companies.
© Advantech Co., Ltd. 2021