Intelligent Healthcare
Enabling Intelligent Hospitals of the Future
Medical Platforms for Innovating Healthcare

- Knowledge and expertise
- Extensive industry experience
- Dedicated R&D
- Strict revision control
- Customization capabilities

As a leading provider of digital healthcare solutions, Advantech has collaborated with international medical equipment manufacturers and system integrators to develop its core competencies. Advantech’s iHealthcare division assists hospitals and healthcare providers with establishing patient-centered treatment environments equipped with innovative digital healthcare platforms for delivering quality patient care.

All our medical computing solutions feature high-performance systems designed with the utmost quality to provide reliable support for critical healthcare applications. Built to satisfy strict industry regulations, Advantech’s medical computing systems comply with UL 60601-1 and EN 60601-1 medical safety standards, feature IPX1-rated ingress protection and drip-proof enclosures, and are CCC certified for electrical safety. In addition to offering long-term product support, Advantech ensures that all its solutions are highly reliable, easy to install, and can be seamlessly integrated into existing hospital infrastructures.

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Point-of-Care Specialty Treatment
Increase healthcare accessibility and efficiency

Mobile Medical Care
Enable patient-centric treatment

OR Video Management
Improve surgical outcomes with interoperability

iWard/Nursing Solutions
Streamline workflows and improve patient care

Hybrid Modality
Device Usability
Medical Equipment

iMedication
Command Center
Medical Video

Digital Transformation
Interoperability

Clinical Mobility
Medication Tracking

Telehealth
RTLS for iHospital

Operational Excellence
Patient Flow

Meaningful Use
Self-Service

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Medical Computing

Healthcare organizations have experienced an explosion of data and are adopting edge computing architecture to digitize and improve patient care. To facilitate the digital transformation of healthcare, Advantech has developed its POC series for HMI and critical surgical applications, HIT series for iWard and nurse call applications, and USM series for AI healthcare applications.

Perioperative Information Systems in ORs
Perioperative information systems support clinical and administrative decision-making regarding pre-, intra-, and post-operative procedures. Such solutions include a comprehensive anesthesia information system that documents each phase of the procedure and is integrated with patient monitoring equipment and anesthesia machines.

Clinical Information Systems for Intensive Care
Clinical information systems integrate patient care applications and data management tools to facilitate rapid, informed decision-making at the point of care. These systems are employed in ICUs and at patient bedside, can be accessed via the hospital network or an online browser, and improve data access in wards and during patient consultations.

DeviceOn/iService
As the use of medical computing devices is increasing in the healthcare industry, IT resources are required for conducting remote real-time device management, including status monitoring, software installation and maintenance, and troubleshooting. Advantech has developed its DeviceOn/iService platform for domain-focused system integrators and hospital IT administrators to manage numerous devices in real time with increased efficiency.

Critical Care
Critical care is typically provided in ICUs, emergency departments, and surgical areas where medical-grade computing systems are used to monitor patients’ vital signs in real time. These systems then translate the collected physiological data into clinical information.

In partnership with

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In partnership with
Cloud-based video streaming systems capable of handling high-quality imaging and real-time video from multiple sources are crucial for enabling centralized OR management and remote medical training/collaboration.

Surgical displays can be used as monitors during image-guided surgery or for presenting critical patient information in the OR, where precise display specifications are required due to the particular environment.

Diagnostic displays are designed for precise and consistent presentation of sensor/radiology data. Medical images are displayed to maximize visible details and allow radiologists to identify significant features for accurate diagnosis.

Designed for multi-tasking applications, clinical displays feature versatile image controller boards with flexible connectivity to ensure convenient operation during clinical reviews/consultations.
An IP nurse call system is a communication and management system equipped with IP technology for hospitals, clinics, nursing homes, and other healthcare institutions.

The combo module for point-of-care terminal is featured in 4K camera and sound bar which enables clinicians and ICU staff interaction to consult on patient care remotely.

An endoscopy is a procedure to examine the inside of a person’s body using an endoscope.

An intraoral scanning system is used to acquire the oral data, display real-time 3D rendering, design and produce the 3D model for the caregivers to facilitate diagnostics and outpatient services.

A C-arm machine is a piece of medical imaging equipment that operates on the basic principle of X-ray technology. This fluoroscopy device is used to visualize patients’ anatomy in the operating room during surgery.

A clinical laboratory analyzer is used in hospital and clinical laboratories to run automated biochemical tests to detect the presence and concentration of substances in the samples.

Advantech’s medical-grade computers and displays minimize time-to-market by ensuring compliance with relevant industry regulations. With the flexibility to be customized for specific applications, Advantech’s healthcare solutions can be easily deployed to support a wide range of medical specialties.
Intelligent Medical Carts

Nurses and healthcare professionals spend a considerable amount of time traveling between locations during the provision of patient care. This includes moving between nursing stations, wards, and patient rooms. Yet most hospitals are still using makeshift carts or simply mounting desktop computers and laptops onto portable trolleys.

Introducing the AMiS Series

Advantech’s medical carts are designed to move with busy healthcare professionals and facilitate the provision of quality care at the point of service. Equipped with wireless capabilities, mobile connectivity, and specialized applications, our AMiS series medical carts are developed to meet caregiver requirements, eliminate paper-based processes, and minimize data errors to facilitate the delivery of superior care.

Product Features

- All-in-one touch computer
- Cable management cavity
- Diverse I/O
- Battery monitor
- Motorized height adjustment
- Reliable battery
- Easy accessory mounting
- Water and dust resistance

Nursing Care

For nurses, AMiS carts streamline documentation by eliminating paper-based processes, thereby reducing data errors and optimizing operational efficiency.

Medication Safety

Advantech’s medication box combined with our medTRx software improves medication administration for enhanced medication safety. The medication box supports versatile mounting for easy installation in diverse usage environments.

Telehealth

AMiS carts provide a telehealth solution that connects hospitals, care facilities, and community clinics in order to integrate medical resources and provide a zero-distance care network for responding to remote patients in real time. Telehealth not only reduces pressure on hospital workflows, but also expands the availability and delivery of quality healthcare.

DeviceOn/iService

Advantech’s DeviceOn/iService software is a comprehensive tool for managing applications and integrated peripherals. Compatible with Advantech devices that support the Windows, Linux, or Android operating systems, DeviceOn/iService is designed for flexible deployment.
Medical Tablets for Mobile Healthcare

Medical Practice

Advantech’s medical tablets support multiple operating systems and wireless communication to ensure unlimited mobility for medical deployments. The inclusion of diverse I/O allows optional peripherals to be integrated to extend the system functions for a wide range of healthcare applications.

Infection Control

Medical Quality & Reliability

- Advantech’s medical-grade tablets feature IP65-rated protection from dust and water ingress and have been drop-tested from a height of 120cm to ensure reliable operation.
- The inclusion of a long-life battery supports at least 8 hours of uninterrupted operation.
- UL/IEC 60601-1 and EN 1789 certified for medical safety, making it suitable for emergency services and inpatient/outpatient care applications.

Outdoor/Emergency Applications

Application-Oriented Peripherals

- Barcode scanner 20°/70°
- LAN + COM module
- VESA dock/wall mount
- Vehicle dock
- Desk dock

Portable Telehealth Suitcase

The AMiS-22 portable health kit can be integrated with various medical devices to support telehealth applications, clinical consultations, emergency services, and community-based teledermatology. By enabling real-time communication with remote doctors, AMiS-22 expands healthcare access.

*Refer to AMiS-22
iHospital Solutions

Advantech’s iHospital solutions are innovative offerings that include intelligent ward solutions, intelligent outpatient services, telehealth solutions, a real-time location system, as well as a centralized hospital management center to enable the realization of intelligent hospitals. These solutions can be rapidly deployed in diverse facilities to increase service efficiency and facilitate the provision of high-tech, patient-centered care.

iWard Solutions

Advantech’s iWard solutions are turnkey offerings designed to assist healthcare workers and enhance patient care. Featuring high configuration flexibility and an intuitive user interface, iWard solutions facilitate the provision of clear information and interactive patient education for increasing patient engagement and optimizing healthcare outcomes.

Key Features

- Standardized for rapid deployment
- Flexible configuration for diverse departments
- High extensibility for easy integration
- iMedication solution enhance the safety and efficiency of medication administration.

iTeleMed Solutions

Advantech’s iTeleMed solutions expand remote access to medical care and increase the responsiveness of inpatient care. Doctors can use telehealth workstations to interact with patients and other medical professionals in real time via the video interface, while the provision of scheduling, examination portal, and reporting functions facilitates remote consultations and flexible treatment services.

Key Features

- Appointment scheduling and create patient’s information
- Various medical devices integration
- Video conferencing with HIPAA compliant
- Data collection and reporting after teleconsultation
iHospital Command Center

Advantech’s iHospital Command Center integrates data collected by various hospital devices, as well as hospital information systems and electronic medical records, to provide a real-time overview of hospital operations. The data can be analyzed and compiled into reports to facilitate the optimization of internal hospital processes and resources.

Preloaded multiple low-code AIoT application framework services for data collection, data visualization, and AI applications. It significantly reduces the complexity of constructing the cloud services for modern medical data processes and the difficulty of future upgrades.

Key Features

- Integrated portal for managing signage displays and patient queuing system
- Enables monitoring and analysis for valuable insights that improve decision making
- Precise integrated data
- Intuitive dashboard for easy navigation
- Automatically generate reports for management review

iBuilding Solutions

Advantech’s iBuilding solutions feature a standard microservice framework that integrates multiple subsystems to provide comprehensive tools for monitoring facility performance, energy usage, and property management.

Key Features

- Manage energy usage, facility performance, inspection patrols, and intelligent surveillance
- Reduce operating costs and increase efficiency
- Provides operational insights that improve decision making
- You can count on it: Reliable and scalable industrial-grade infrastructure design
- Precise integrated data
- Intuitive dashboard for easy navigation
- Automatically generate reports for management review

iOutpatient Solutions

Advantech’s iOutpatient solutions comprise an information signage and queue management platform that can be integrated with hospital information systems (HIS) and patient check-in data to reduce wait times and optimize outpatient services for improved patient satisfaction.

RTLS Solutions

Advantech’s real-time location system (RTLS) enables convenient location tracking and status monitoring of medical equipment, staff, and patients.

Key Features

- People tracking
- Equipment positioning
- Dwell time analysis
- Real-time notifications

iWise-Stack: Advantech’s AIoT private cloud solution

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Key Features

- Integrate all data: Collect and transform data from different protocols into a unified API for data visualization and AI process
- Level security up: Data secured by safe data format, high-level encrypted networking, DB/storage conserving mechanism
- You can count on it: Reliable and scalable industrial-grade infrastructure design
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TMM Software Deploys Advantech’s HIT Terminals in Hospital Wards to Optimize Patient Care

In 2020, TMM Software partnered with Advantech to provide intelligent computing solutions for patient wards to three French hospitals–Institut de Réadaptation d’Achères, Centre Hospitalier Alpes Léman, and Sainte-Marie. Approximately 650 of Advantech’s HIT-W101LP and HIT-W183 multifunctional devices integrated with MultiMed software, an Android-based multimedia platform, were deployed in these hospital to serve as bedside infotainment terminals. With the inclusion of MultiMed software, Advantech’s HIT terminals offered an innovative turnkey solution that enables patient access to entertainment, hospital information, and services, as well as staff access to medical data at patient bedside for improved service efficiency and patient satisfaction.

Brandon Medical and Entoli Medical Collaborate with Advantech to Improve Operating Room Efficiency

Hospital operating rooms have become a key transformation area for realizing intelligent healthcare. Accordingly, together with Brandon Medical, a medical equipment manufacturer, and Entoli Medical, a video software solution provider, Advantech developed a highly efficient, integrated 4K OR medical controller solution for achieving intelligent ORs. The solution featured an Entoli™ medical controller and Advantech’s AVAS-212 video streamer for integrating complex data that could then be viewed on Advantech’s PAX-327/332 medical-grade surgical monitor. This integrated OR computing solution supports multiple data streams, allowing surgeons to manage video and information from multiple sources on a single platform to improve OR efficiency.

Digitizing ORs at Erasmus University Hospital with 4K Ultra HD Lossless Video-over-IP Solution

Erasmus University Hospital in Rotterdam is the largest hospital in the Netherlands. To upgrade their facilities, the hospital wanted to implement digital operating rooms (ORs) equipped with a multimedia video streaming solution. Advantech, together with partners INTER and Technolution, helped develop and implement the video streaming solution in the hospital’s 26 operating rooms. The solution was designed to optimize the OR workflow by allowing medical staff to access all data relevant to the operation, such as patient information, imaging results, and treatment videos, from a single centralized platform during each stage of the operation. Moreover, video streams can be shared between ORs and broadcast to different hospitals and lecture rooms for remote consultation and doctor training. In terms of design, the solution was based on Technolution’s SigmaXG video-over-IP technology, which supports low-latency 4K ultra HD video streaming. Advantech’s surgical monitors equipped with an NDcoder were also deployed. Finally, INTER’s ORflow platform was installed in all ORs. The solution provides doctors convenient access to perioperative information and enables administrators to easily record videos for telemedicine or educational purposes.

Banner Health Implements an Emergency Room and ICU Telehealth Solution to Expand Healthcare Services

Banner Health is one of the largest non-profit healthcare systems in the U.S. Headquartered in Phoenix, Arizona, Banner Health operates 28 acute-care hospitals and several specialized facilities offering an array of other services. Advantech, together with software partner VeeMed, leveraged their joint capabilities to develop a hardware solution for Banner Health. The solution featured Advantech’s AMS-50ETA medical cart, which was specifically designed for telemedicine applications. The integrated camera, speaker, and microphone, combined with virtual care software provided a complete ready-to-deploy solution. The AMS carts were installed in hospital ICUs and ERs to allow doctors to provide healthcare treatment remotely. On-site care providers can also use the carts to conduct treatment consultations with specialists, thereby increasing patient access to quality medical care. Finally, the AMS cart was able to be customized with the company logo, unifying branding and promoting awareness of their new Banner Telehealth department.

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ECK Hospital Installs Advantech’s iWard Solution Suite to Digitize Wards and Transform Nursing Care

In 2017, En Chu Kong Hospital adopted Advantech’s iWard solution in order to optimize nursing care and improve the patient experience. The iWard solution comprised a nursing control station and nursing dashboard, as well as bedside information terminals (BITs). By integrating the nursing control station with hospital information systems (HIS), nursing staff can use the nursing dashboard to access patient data, ward information, and request notifications. In the wards, patients can use the BITs to request nurse assistance and review their treatment information. By implementing Advantech’s iWard solution, En Chu Kong Hospital was able to improve patient satisfaction and increase data integration to deliver high-quality healthcare.

Benelux Hospital Adopts Point-of-Care Terminals to Establish a Patient Data Management System

Dutch hospital, Benelux Vitaal B.V., wanted to improve bedside care in intensive care units (ICUs) and critical care units (CCUs) by implementing a patient data management system (PDMS). A PDMS provides medical staff with instant access to all treatment data, test results, and patient information at the point of care. Moreover, it improves nursing workflows by simplifying documentation and data validation. Advantech’s medical-grade point-of-care (POC) terminals were adopted to establish a PDMS that could be integrated with electronic medical records (EMRs). Certified to medical safety standards, the terminals are ideal for deployment in various settings, including operating rooms, critical care units, and specialty departments. For Benelux, realizing a PDMS with POC terminals, particularly in intensive care units, provided a convenient solution for delivering high-quality, patient-centric care directly at the point of service.

Advantech’s AMiS eMedication Solution Boosts Nursing Care Quality at Antonius Hospital

Delivering high-quality healthcare is a key priority for Dutch hospitals. Moreover, hospital digitization is considered important for improving care quality and reducing medication errors. Because approximately 40% of medication errors result from administration/data input errors, this is a clear area for improvement. Accordingly, Antonius Hospital in Sneek decided to implement a fully digitized medication prescription and administration process based on PIN/barcode verification. Advantech’s AMiS medication box CL is a medication box with 16 large compartments and a touch display. The box features an electronic locking mechanism that restricts access to verified healthcare personnel only. Users will need to enter a PIN code to simultaneously open or close all compartments for easy administration.

Heroic Faith Medical Partners with Advantech to Launch Innovative Continuous Respiratory Monitoring Solution

The AI-powered respiratory sound continuous monitoring system provides a solution for continuous monitoring of patient breathing and is aimed at reducing the workload of nursing staff. The AIM-75H tablet facilitates data collection and access at patient bedside, and transmits data to the USM-500 edge-computing device. The system’s 9th generation Intel® Core™ i7 processor is pre-installed with Intel’s Distribution of OpenVINO toolkit, which ensures stable, reliable, and efficient AI-based visual and audio processing.

For hospital administrators, the system can resolve staff shortages caused by the labor-intensive task of monitoring patient breathing at bedside. With this system, a single edge computing host can be used to monitor the respiratory status of 24 patients concurrently, providing a cost-effective nursing solution for hospitals.
POC-6 Point-of-Care Terminals

**System**
- Processor*: Intel® Core™ i5-8365UE (8M cache, up to 4.10 GHz)/Intel® Core™ i7-8665UE (8M cache, up to 4.40 GHz)
- Memory: 8GB DDR4 SODIMM (up to 16 GB)
- Operating System: Windows 10 IoT Enterprise (64-bit)

**Storage**
- Primary Storage: 524 GB NVMe SDD (M.2 2280)
- Secondary Storage: 256 GB NVMe SSD (2.5"

**Display**
- Max. Resolution: 19" LED PANEL (1280 x 1024)
- Size: 524 x 357 x 58 mm/20.63 x 14.06 x 2.28 in
- Weight: 6.29 kg/13.86 lb

**Touch**
- 10-point multi-touch (clear glass)
- 5 megapixel (optional)
- 2.0 (default via software)

**Audio**
- Microphone: Automatic echo cancellation, automatic noise suppression
- Speaker: 2 x 2W

**Expansion Slots**
- PCIe x4: 1 (optional)
- PCIe x16: 1 (optional)
- USB 3.2 Gen 2 (Type A): 2
- USB 3.2 Gen 2 (Type C): 1 (optional)

**I/O**
- LAN: 10/100/1000 Mbit/s
- HDMI: 4K, 30/25/20/15/10/5 FPS

**Power**
- DC-Out: 12V, 17V, 19V, 24V
- DC-Input: 1000 x 1000 x 750 mm

**Certification**
- Medical CE, FCC, EN 60601-1, UL 60601-1

POC-4 Multimodal Point-of-Care Terminals

**System**
- Processor: Intel® Core™ i7-8665UE (8M cache, up to 4.40 GHz)/Intel® Core™ i5-8365UE (8M cache, up to 2.20 GHz)
- Memory: 8GB DDR4 SODIMM (up to 16 GB)

**Storage**
- Primary Storage: NVMe/SATA SSD (M.2 2280)

**Display**
- Size: 583 x 387 x 63 mm/22.95 x 15.2 x 2.48 in

**Touch**
- 10-point multi-touch (clear glass)
- 5 megapixel (optional)
- 2.0 (default via software)

**Audio**
- Microphone: Automatic echo cancellation, automatic noise suppression
- Speaker: 2 x 2W

**Expansion Slots**
- PCIe x4: 1 (optional)
- PCIe x16: 1 (optional)
- USB 3.2 Gen 2 (Type A): 2
- USB 3.2 Gen 2 (Type C): 1 (optional)

**I/O**
- LAN: 10/100/1000 Mbit/s
- HDMI: 4K, 30/25/20/15/10/5 FPS

**Power**
- DC-Out: 12V, 17V, 19V, 24V
- DC-Input: 1000 x 1000 x 750 mm

**Certification**
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POC-S Point-of-Care Terminals

**System**
- Processor: Intel® Core™ i5-8365UE (8M cache, up to 4.10 GHz)/Intel® Core™ i7-8665UE (8M cache, up to 2.20 GHz)
- Memory: 8GB DDR4 SODIMM (up to 16 GB)

**Storage**
- Primary Storage: NVMe/SATA SSD (M.2 2280)

**Display**
- Size: 583 x 387 x 63 mm/22.95 x 15.2 x 2.48 in

**Touch**
- 10-point multi-touch (clear glass)
- 5 megapixel (optional)
- 2.0 (default via software)

**Audio**
- Microphone: Automatic echo cancellation, automatic noise suppression
- Speaker: 2 x 2W

**Expansion Slots**
- PCIe x4: 1 (optional)
- PCIe x16: 1 (optional)
- USB 3.2 Gen 2 (Type A): 2
- USB 3.2 Gen 2 (Type C): 1 (optional)

**I/O**
- LAN: 10/100/1000 Mbit/s
- HDMI: 4K, 30/25/20/15/10/5 FPS

**Power**
- DC-Out: 12V, 17V, 19V, 24V
- DC-Input: 1000 x 1000 x 750 mm

**Certification**
- Medical CE, FCC, EN 60601-1, UL 60601-1

POC-IPS90 Intelligent Power System

**System**
- Processor: Intel® Core™ i5-8365UE (8M cache, up to 4.10 GHz)/Intel® Core™ i7-8665UE (8M cache, up to 2.20 GHz)

**Certification**
- POC-IPS90 Battery: Up to 2 x 3-hour-rechargeable 22P LiFePo4 battery packs

**Power**
- Input Voltage: 100 ~ 265 VAC, 47 ~ 63 Hz
- Output Voltage: 12V, 19V, 24V

**Certification**
- POC-IPS90 Battery: POC-IPS90 Battery pack: UL2148, UL2362, UL2363

**Weight**
- 4 kg/8.81 lb (with 3 x battery packs)

Accessories for POC-6

**Battery Module**
- Battery Type: Lithium ion
- Total Capacity: 180Wh (2 x batteries, 90Wh per battery)
- Battery Runtime: 6 ~ 9 hours

**Camera Module**
- Max. Resolution: 4K
- Zoom Adjustment: 6x/16x
- Video Format: MP4/H264, 30fps, 720p, 1080p
- Protocol: LVC 1.0 ~ 1.5
- Speaker: 9W, 100 ~ 240 kHz
- Microphone: Balanced omnidirectional microphone array
- Audio Features: Automatic echo cancellation, automatic noise suppression

**LED Indicator**
- Battery capacity indicator

**Power Supply**
- Battery Capacity: 300 cycles ± 25%
- Standard Voltage: 100V (20% variation)
- Stacked Capacity: 540Wh (90Wh x 6 modules)
- DC Cut-off Voltage: 10.4V (default)
- Charge Voltage: 13.4V (6-cell)
- Discharge Current: 10.5A max.
- Taper Current: 5.0A max.
- Terminal Voltage: 12V, 19V, 24V

**Certification**
- POC-IPS90 Battery: UL2148, UL2362, UL2363

**Weight**
- 7.4 kg/16.3 lb

**Dimensions (W x H x D)**
- 583 x 387 x 63 mm/22.95 x 15.2 x 2.48 in

**Power**
- Input Power: 100 ~ 265 VAC
- Output Power: 100V/19V/24V

**Certification**
- POC-IPS90 Battery: POC-IPS90 Battery pack: UL2148, UL2362, UL2363

**Weight**
- 4 kg/8.81 lb (with 3 x battery packs)
## Product Selection Guide

### PAX-1 Medical Displays

<table>
<thead>
<tr>
<th>Model</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAX-1</td>
<td>Multimodal Fixed model</td>
</tr>
<tr>
<td>PAX-11</td>
<td>Multimodal Fixed model</td>
</tr>
<tr>
<td>PAX-124</td>
<td>Multimodal Fixed model</td>
</tr>
<tr>
<td>PAX-211</td>
<td>Multimodal Fixed model</td>
</tr>
</tbody>
</table>

#### LCD

- **Modularity**: Multimodal
- **Fixed model**: Fixed model
- **Resolution**: FHD 1920 x 1080
- **Screen Size**: 21.5" (548.8 x 482.6 mm)
- **Aspect Ratio**: 16:9
- **Pixel Pitch**: 0.2476 x 0.2476 mm
- **Viewing Angle**: 170 H, 170 V
- **Contrast Ratio**: 1000:1
- **Native Luminance**: 300 cd/m²
- **Color Depth**: 8-bit, 16.7M
- **Display Mode**: AHVA
- **Brightness**: FHD
- **Aspect Ratio**: 16:9
- **Screen Size**: 21.5" (548.8 x 482.6 mm)
- **Response Time**: 22 ms (Tr + Tf)
- **Consumption**: 15.86 W
- **Storage**: 500 hPa to 1013 hPa
- **Operational**: 5% ~ 90%
- **Warranty**: 2 years
- **Accessories**: 1 x Power adapter

#### EMC & Safety

- **Certification**: CE, EAC, NRTL, CB, IEC60601-1-1
- **Type**: Class II (Double Insulation)
- **Certification**: EMI & Safety

#### Environmental

- **Certification**: EMI & Safety
- **Type**: Class II (Double Insulation)
- **Certification**: EMI & Safety
- **Type**: Class II (Double Insulation)
- **Certification**: EMI & Safety
- **Type**: Class II (Double Insulation)
- **Certification**: EMI & Safety

#### Dimensions

- **(W x D x H)**: 524.00 x 357.00 x 58.00 mm / 20.62 x 14.05 x 2.28 in
- **(W x D x H)**: 583.00 x 387.00 x 63.00 mm / 22.95 x 15.23 x 2.48 in

#### Accessories

- **1 x Power adapter
- **1 x Power adapter
- **1 x Power adapter
- **1 x Power adapter
- **1 x Power adapter

### PAX-3 Medical Displays

<table>
<thead>
<tr>
<th>Model</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAX-328</td>
<td>FHD 1920 x 1080</td>
</tr>
<tr>
<td>PAX-327</td>
<td>FHD 1920 x 1080</td>
</tr>
<tr>
<td>PAX-326</td>
<td>HD 1366 x 768</td>
</tr>
<tr>
<td>PAX-325</td>
<td>FHD 1920 x 1080</td>
</tr>
<tr>
<td>PAX-324</td>
<td>FHD 1920 x 1080</td>
</tr>
</tbody>
</table>

#### LCD

- **Resolution**: FHD 1920 x 1080
- **Screen Size**: 21.5" (548.8 x 482.6 mm)
- **Aspect Ratio**: 16:9
- **Pixel Pitch**: 0.2476 x 0.2476 mm
- **Viewing Angle**: 170 H, 170 V
- **Contrast Ratio**: 1000:1
- **Native Luminance**: 300 cd/m²
- **Color Depth**: 8-bit, 16.7M
- **Brightness**: FHD
- **Aspect Ratio**: 16:9
- **Screen Size**: 21.5" (548.8 x 482.6 mm)
- **Response Time**: 22 ms (Tr + Tf)
- **Consumption**: 15.86 W
- **Storage**: 500 hPa to 1013 hPa
- **Operational**: 5% ~ 90%
- **Warranty**: 3 years
- **Accessories**: 1 x Power adapter

#### EMC & Safety

- **Certification**: CE, EAC, NRTL, CB, IEC60601-1-1
- **Type**: Class II (Double Insulation)
- **Certification**: EMI & Safety
- **Type**: Class II (Double Insulation)
- **Certification**: EMI & Safety
- **Type**: Class II (Double Insulation)
- **Certification**: EMI & Safety

#### Environmental

- **Certification**: EMI & Safety
- **Type**: Class II (Double Insulation)
- **Certification**: EMI & Safety
- **Type**: Class II (Double Insulation)
- **Certification**: EMI & Safety
- **Type**: Class II (Double Insulation)
- **Certification**: EMI & Safety

#### Dimensions

- **(W x D x H)**: 768.99 x 79.55 x 484.03 mm / 30.27 x 3.13 x 19.05 in
- **(W x D x H)**: 768.99 x 79.55 x 484.03 mm / 30.27 x 3.13 x 19.05 in
- **(W x D x H)**: 768.99 x 79.55 x 484.03 mm / 30.27 x 3.13 x 19.05 in
- **(W x D x H)**: 768.99 x 79.55 x 484.03 mm / 30.27 x 3.13 x 19.05 in
- **(W x D x H)**: 768.99 x 79.55 x 484.03 mm / 30.27 x 3.13 x 19.05 in
- **(W x D x H)**: 768.99 x 79.55 x 484.03 mm / 30.27 x 3.13 x 19.05 in

#### Accessories

- **1 x Power adapter
- **1 x Power adapter
- **1 x Power adapter
- **1 x Power adapter
- **1 x Power adapter
- **1 x Power adapter

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**Note:** Images are not scaled proportionally.
### AVAS-2 Video-over-IP Streaming Boxes

<table>
<thead>
<tr>
<th>Feature</th>
<th>AVAS-212</th>
<th>AVAS-223</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Input Resolution</strong></td>
<td>4Kp60 RGB 4:4:4, uncompress</td>
<td>4Kp60 RGB 4:4:4, uncompress</td>
</tr>
<tr>
<td><strong>Switching</strong></td>
<td>Up to 4Kp60 UHD</td>
<td>Up to 4Kp60 UHD</td>
</tr>
<tr>
<td><strong>Audio</strong></td>
<td>Analog audio input</td>
<td>Analog audio input</td>
</tr>
<tr>
<td><strong>I/O</strong></td>
<td>10GbE SFP+, 20GbE SFP+</td>
<td>20GbE SFP+</td>
</tr>
<tr>
<td><strong>Video Interface</strong></td>
<td>P44S4C, D4-D4 in &amp; out</td>
<td>P44S4C, D4-D4 in &amp; out</td>
</tr>
<tr>
<td><strong>USB Host</strong></td>
<td>2 x USB 3.0 (type A connection)</td>
<td>2 x USB 3.0 (type B)</td>
</tr>
<tr>
<td><strong>USB Device</strong></td>
<td>1 x USB 2.0 (type B connection)</td>
<td>1 x USB 2.0 (type B)</td>
</tr>
<tr>
<td><strong>Ethernet</strong></td>
<td>1 x RJ45 GbE</td>
<td>1 x RJ45 GbE</td>
</tr>
<tr>
<td><strong>COM</strong></td>
<td>1 x RS-232 (RS-232)</td>
<td>-</td>
</tr>
<tr>
<td><strong>DC-in</strong></td>
<td>-</td>
<td>100 ~ 240VAC/12VDC</td>
</tr>
<tr>
<td><strong>Dimensions (W x D x H)</strong></td>
<td>176.5 x 220 x 44 mm/6.94 x 8.66 x 1.73 in</td>
<td>168 x 121 x 30.6 mm/6.61 x 4.78 x 1.24 in</td>
</tr>
</tbody>
</table>

### AVAS-4 Video Recorder and Management Servers

<table>
<thead>
<tr>
<th>Feature</th>
<th>AVAS-401</th>
<th>AVAS-402</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CPU</strong></td>
<td>Intel® Core™ i7-9700 8-core, (12 MB cache), 2.6 GHz</td>
<td>Intel® Core™ i7-9700 8-core, (12 MB cache), 2.6 GHz</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>16 GB DDR4 2400</td>
<td>16 GB DDR4 2400</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>16 GB onboard eMMC</td>
<td>4 GB onboard eMMC</td>
</tr>
<tr>
<td><strong>Power Input</strong></td>
<td>DC/AC 12VDC, max. 7W</td>
<td>DC/AC 12VDC, max. 7W</td>
</tr>
<tr>
<td><strong>Dimensions (W x H x D)</strong></td>
<td>1550 mm/61.02 in</td>
<td>1000 mm/39.37 in</td>
</tr>
<tr>
<td><strong>Camera</strong></td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Panoramic View</strong></td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Extension</strong></td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

### AVAS-60 Mobile Workstation for Video Applications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Dimensions</th>
<th>Audio</th>
<th>Input System</th>
<th>Video</th>
<th>Steaming</th>
<th>I/O</th>
<th>Networking &amp; System Management</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Base Cart</strong></td>
<td>525 x 525 x 480 mm/20.66 x 20.66 x 18.97 in</td>
<td>1 x Audio in</td>
<td>1 x HDMI</td>
<td>4 x USB 2.0</td>
<td>1 x USB 1.1</td>
<td>1 x Power, 1 x Wireless</td>
<td>2 GB/4 GB/8 GB</td>
</tr>
<tr>
<td><strong>Footprint</strong></td>
<td>1000 mm/39.37 in</td>
<td>-</td>
<td>-</td>
<td>Uncompressed</td>
<td>-</td>
<td>-</td>
<td>4 GB onboard eMMC</td>
</tr>
<tr>
<td><strong>Work Surface Height</strong></td>
<td>1910 mm/75.20 in</td>
<td>-</td>
<td>-</td>
<td>Uncompressed</td>
<td>-</td>
<td>-</td>
<td>30X (optional)</td>
</tr>
<tr>
<td><strong>Total Height</strong></td>
<td>1990 mm/78.35 in</td>
<td>-</td>
<td>-</td>
<td>Uncompressed</td>
<td>-</td>
<td>-</td>
<td>30X (optional)</td>
</tr>
<tr>
<td><strong>Angle Capacity</strong></td>
<td>90°</td>
<td>-</td>
<td>-</td>
<td>uncompressed</td>
<td>-</td>
<td>-</td>
<td>30X (optional)</td>
</tr>
<tr>
<td><strong>ANM Expansion</strong></td>
<td>1530 x 900 mm/60.23 x 35.43 in</td>
<td>-</td>
<td>-</td>
<td>uncompressed</td>
<td>-</td>
<td>-</td>
<td>30X (optional)</td>
</tr>
<tr>
<td><strong>Input Resolution</strong></td>
<td>To4Kp60 UHD</td>
<td>-</td>
<td>-</td>
<td>uncompressed</td>
<td>-</td>
<td>-</td>
<td>30X (optional)</td>
</tr>
<tr>
<td><strong>Output Resolution</strong></td>
<td>To4Kp60 UHD</td>
<td>-</td>
<td>-</td>
<td>uncompressed</td>
<td>-</td>
<td>-</td>
<td>30X (optional)</td>
</tr>
<tr>
<td><strong>Compression Format</strong></td>
<td>MPEG2, H.264, H.265</td>
<td>-</td>
<td>-</td>
<td>uncompressed</td>
<td>-</td>
<td>-</td>
<td>30X (optional)</td>
</tr>
<tr>
<td><strong>Video Input</strong></td>
<td>1 x HDMI</td>
<td>-</td>
<td>-</td>
<td>uncompressed</td>
<td>-</td>
<td>-</td>
<td>30X (optional)</td>
</tr>
<tr>
<td><strong>Video Output</strong></td>
<td>1 x HDMI</td>
<td>-</td>
<td>-</td>
<td>uncompressed</td>
<td>-</td>
<td>-</td>
<td>30X (optional)</td>
</tr>
<tr>
<td><strong>Power Indicator</strong></td>
<td>1 x Power, 1 x Wireless</td>
<td>-</td>
<td>-</td>
<td>uncompressed</td>
<td>-</td>
<td>-</td>
<td>30X (optional)</td>
</tr>
<tr>
<td><strong>Graphics</strong></td>
<td>Intel® HD Graphics 620</td>
<td>-</td>
<td>-</td>
<td>uncompressed</td>
<td>-</td>
<td>-</td>
<td>30X (optional)</td>
</tr>
<tr>
<td><strong>Display Interface</strong></td>
<td>1 x Display Port</td>
<td>-</td>
<td>-</td>
<td>uncompressed</td>
<td>-</td>
<td>-</td>
<td>30X (optional)</td>
</tr>
<tr>
<td><strong>USB</strong></td>
<td>1 x Audio, 1 x Display Port, 1 x HDMI</td>
<td>-</td>
<td>-</td>
<td>uncompressed</td>
<td>-</td>
<td>-</td>
<td>30X (optional)</td>
</tr>
<tr>
<td><strong>Ethernet</strong></td>
<td>2 x HDMI</td>
<td>-</td>
<td>-</td>
<td>uncompressed</td>
<td>-</td>
<td>-</td>
<td>30X (optional)</td>
</tr>
<tr>
<td><strong>COM</strong></td>
<td>1 x RS-232</td>
<td>-</td>
<td>-</td>
<td>uncompressed</td>
<td>-</td>
<td>-</td>
<td>30X (optional)</td>
</tr>
<tr>
<td><strong>AC Input</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>uncompressed</td>
<td>-</td>
<td>-</td>
<td>30X (optional)</td>
</tr>
<tr>
<td><strong>Dimensions (W x H x D)</strong></td>
<td>156 x 112 x 30.8 mm/6.14 x 4.41 x 1.21 in</td>
<td>-</td>
<td>-</td>
<td>uncompressed</td>
<td>-</td>
<td>-</td>
<td>30X (optional)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>0.43 kg/0.95 lb</td>
<td>-</td>
<td>-</td>
<td>uncompressed</td>
<td>-</td>
<td>-</td>
<td>30X (optional)</td>
</tr>
<tr>
<td><strong>Warranty</strong></td>
<td>2 years</td>
<td>-</td>
<td>-</td>
<td>uncompressed</td>
<td>-</td>
<td>-</td>
<td>30X (optional)</td>
</tr>
</tbody>
</table>

### USM-1 Medical Gateways

<table>
<thead>
<tr>
<th>Feature</th>
<th>USM-110W</th>
<th>USM-110WN</th>
<th>USM-120</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Processor</strong></td>
<td>Intel® Core™ i7-9700 8-core, (12 MB cache), 2.6 GHz</td>
<td>Intel® Core™ i7-9700 8-core, (12 MB cache), 2.6 GHz</td>
<td>Intel® Core™ i5-8365UE (6M cache), up to 4.10 GHz</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>8 GB/16 GB DDR4 2400</td>
<td>8 GB/16 GB DDR4 2400</td>
<td>4 GB onboard eMMC</td>
</tr>
<tr>
<td><strong>Operating System</strong></td>
<td>Android 6.0</td>
<td>Linux Yocto 2.1</td>
<td>Windows 10 IoT Enterprise (64 bits)</td>
</tr>
<tr>
<td><strong>Software</strong></td>
<td>WISE-PaaS/SignageCMS</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>16 GB/32 GB/64 GB/128 GB/256 GB/512 GB/1 TB NVME SSD</td>
<td>128 GB/256 GB/512 GB/1 TB NVME SSD</td>
<td>128 GB/256 GB/512 GB/1 TB NVME SSD</td>
</tr>
<tr>
<td><strong>Dimensions (W x H x D)</strong></td>
<td>156 x 112 x 30.8 mm/6.14 x 4.41 x 1.21 in</td>
<td>156 x 112 x 30.8 mm/6.14 x 4.41 x 1.21 in</td>
<td>200 x 167 x 45.7 mm/7.87 x 6.54 x 1.8 in</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>0.43 kg/0.95 lb</td>
<td>0.43 kg/0.95 lb</td>
<td>1.2 kg/2.6 lb</td>
</tr>
<tr>
<td><strong>Certification</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Physical Characteristics</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Environmental</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>0 ~ 35 °C/32 ~ 95 °F</td>
<td>0 ~ 35 °C/32 ~ 95 °F</td>
<td>0 ~ 40 °C/104 °F</td>
</tr>
<tr>
<td><strong>Storage Temperature</strong></td>
<td>-40 ~ 55 °C/40 ~ 160 °F</td>
<td>-40 ~ 55 °C/40 ~ 160 °F</td>
<td>0 ~ 50 °C/122 °F</td>
</tr>
<tr>
<td><strong>Warranty</strong></td>
<td>2 years</td>
<td>2 years</td>
<td>2 years</td>
</tr>
</tbody>
</table>

*Configurable upon request*
**USM-5 Medical Computing Platforms**

<table>
<thead>
<tr>
<th>System</th>
<th>Processor</th>
<th>Memory</th>
<th>Storage</th>
<th>Expansion</th>
<th>Display</th>
<th>Interface</th>
<th>Audio</th>
<th>Network</th>
<th>Mechanical</th>
<th>Safety</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Intel® Pentium® N4200</td>
<td>4 GB DDR3L (up to 8 GB)</td>
<td>320 x 329.5 x 145 mm/12.6 x 13.0 x 5.7 in</td>
<td>2 x Serial (1 x RS-232/422/485, 1 x RS-232)</td>
<td>2 x RJ45 (10/100/1000 Mbit)</td>
<td>1 x 2W</td>
<td>2 x USB 2.0</td>
<td>2 x RJ45</td>
<td>180 x 120 x 43 mm/7.1 x 4.7 x 1.7 in</td>
<td>Medical CE/FCC, EN 6061-1, IEC-60601-1-2 Ed. 4, 2 x Isolated RJ45 (10/100/1000 Mbit)</td>
</tr>
</tbody>
</table>

**HIT Healthcare Information Terminals**

| HT-G701 | AMD Ryzen 5 3500U | 8 GB DDR4 (up to 16 GB) | 320 x 329.5 x 145 mm/12.6 x 13.0 x 5.7 in | 2 x Serial (1 x RS-232/422/485, 1 x RS-232) | 2 x RJ45 (10/100/1000 Mbit) | 2 x 2W | 2 x USB 3.0 | 2 x RJ45 | 200 x 140 x 33.4 mm/7.9 x 5.5 x 1.3 in | Medical CE/FCC, EN 6061-1, IEC-60601-1-2 Ed. 4, 2 x Isolated RJ45 (10/100/1000 Mbit) |

**Handset Accessory**

<table>
<thead>
<tr>
<th>Specification</th>
<th>HT-G701</th>
<th>HT-G701-HSK1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>100 x 67 x 46.5 mm/3.9 x 2.6 x 1.8 in</td>
<td>100 x 67 x 46.5 mm/3.9 x 2.6 x 1.8 in</td>
</tr>
<tr>
<td>Weight</td>
<td>0.3 kg/0.66 lb</td>
<td>0.3 kg/0.66 lb</td>
</tr>
<tr>
<td>Material</td>
<td>Plastic</td>
<td>Plastic</td>
</tr>
</tbody>
</table>
## Computerized Medical Carts

### Power Module

<table>
<thead>
<tr>
<th>AMIS-30C</th>
<th>AMIS-50C</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Footprint</strong></td>
<td>512 x 482 mm / 20 x 19 in</td>
</tr>
<tr>
<td><strong>Chassis</strong></td>
<td>550 x 550 x 250 mm / 21.6 x 21.6 x 9.8 in</td>
</tr>
<tr>
<td><strong>Height Adjustment</strong></td>
<td>Range: 300mm to 440mm</td>
</tr>
<tr>
<td><strong>Display Panel</strong></td>
<td>Width: 1920 x 1080 / 19.2 x 10.8 in</td>
</tr>
<tr>
<td><strong>I/O Ports</strong></td>
<td>1×USB3.0, 1×USB2.0, 1×USB1.0, 1×Micro-SD, 1×Micro-HDMI, 1×Ethernet</td>
</tr>
<tr>
<td><strong>Battery Capacity</strong></td>
<td>420Wh / 1.19 kWh</td>
</tr>
<tr>
<td><strong>Battery Type</strong></td>
<td>Lithium-ion</td>
</tr>
<tr>
<td><strong>Battery Life SPAN</strong></td>
<td>12~15 Hours</td>
</tr>
<tr>
<td><strong>Power Input Voltage</strong></td>
<td>DC19.5V/3.42A</td>
</tr>
<tr>
<td><strong>USB Hub</strong></td>
<td>Type-C 3.1, USB 2.0 x 3</td>
</tr>
<tr>
<td><strong>Microphone</strong></td>
<td>Built-in omnidirectional microphone</td>
</tr>
<tr>
<td><strong>LED Indicator</strong></td>
<td>Single, Green: Charging, Blue: Low, Red: Critical</td>
</tr>
</tbody>
</table>

### Base Cart

| **Footprint**  | 47.2 x 16.0 x 17.0 (300 x 410 x 440 mm) |
| **Chassis**    | 550 x 550 x 250 mm / 21.6 x 21.6 x 9.8 in |
| **Height Adjustment** | Range: 300mm to 440mm |
| **Display Panel** | Width: 1920 x 1080 / 19.2 x 10.8 in |
| **I/O Ports**  | 1×USB3.0, 1×USB2.0, 1×USB1.0, 1×Micro-SD, 1×Micro-HDMI, 1×Ethernet |
| **Battery Capacity** | 420Wh / 1.19 kWh |
| **Battery Type** | Lithium-ion |
| **Battery Life SPAN** | 12~15 Hours |
| **Power Input Voltage** | DC19.5V/3.42A |
| **USB Hub** | Type-C 3.1, USB 2.0 x 3 |
| **Microphone** | Built-in omnidirectional microphone |
| **LED Indicator** | Single, Green: Charging, Blue: Low, Red: Critical |

## Telehealth Cart & Suitcase

### Power Module

<table>
<thead>
<tr>
<th>AMIS-70</th>
<th>AMIS-22</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Footprint</strong></td>
<td>47.2 x 16.0 x 17.0 (300 x 410 x 440 mm)</td>
</tr>
<tr>
<td><strong>Chassis</strong></td>
<td>550 x 550 x 250 mm / 21.6 x 21.6 x 9.8 in</td>
</tr>
<tr>
<td><strong>Height Adjustment</strong></td>
<td>Range: 300mm to 440mm</td>
</tr>
<tr>
<td><strong>Display Panel</strong></td>
<td>Width: 1920 x 1080 / 19.2 x 10.8 in</td>
</tr>
<tr>
<td><strong>I/O Ports</strong></td>
<td>1×USB3.0, 1×USB2.0, 1×USB1.0, 1×Micro-SD, 1×Micro-HDMI, 1×Ethernet</td>
</tr>
<tr>
<td><strong>Battery Capacity</strong></td>
<td>420Wh / 1.19 kWh</td>
</tr>
<tr>
<td><strong>Battery Type</strong></td>
<td>Lithium-ion</td>
</tr>
<tr>
<td><strong>Battery Life SPAN</strong></td>
<td>12~15 Hours</td>
</tr>
<tr>
<td><strong>Power Input Voltage</strong></td>
<td>DC19.5V/3.42A</td>
</tr>
<tr>
<td><strong>USB Hub</strong></td>
<td>Type-C 3.1, USB 2.0 x 3</td>
</tr>
<tr>
<td><strong>Microphone</strong></td>
<td>Built-in omnidirectional microphone</td>
</tr>
<tr>
<td><strong>LED Indicator</strong></td>
<td>Single, Green: Charging, Blue: Low, Red: Critical</td>
</tr>
</tbody>
</table>

### Base Cart

| **Footprint**   | 47.2 x 16.0 x 17.0 (300 x 410 x 440 mm) |
| **Chassis**     | 550 x 550 x 250 mm / 21.6 x 21.6 x 9.8 in |
| **Height Adjustment** | Range: 300mm to 440mm |
| **Display Panel** | Width: 1920 x 1080 / 19.2 x 10.8 in |
| **I/O Ports**   | 1×USB3.0, 1×USB2.0, 1×USB1.0, 1×Micro-SD, 1×Micro-HDMI, 1×Ethernet |
| **Battery Capacity** | 420Wh / 1.19 kWh |
| **Battery Type** | Lithium-ion |
| **Battery Life SPAN** | 12~15 Hours |
| **Power Input Voltage** | DC19.5V/3.42A |
| **USB Hub**     | Type-C 3.1, USB 2.0 x 3 |
| **Microphone**  | Built-in omnidirectional microphone |
| **LED Indicator** | Single, Green: Charging, Blue: Low, Red: Critical |
Product Selection Guide

Compact ADC & Medication Cart

<table>
<thead>
<tr>
<th>AMiS-850C</th>
<th>AMiS-850C</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Footprint</strong></td>
<td>500 x 775 x 16.5 in</td>
</tr>
<tr>
<td><strong>Height Adjustment</strong></td>
<td>Range: 846 – 1194 mm (2.77 – 4.68 ft). Stroke: 200 mm (7.87 in)</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>21.5&quot; LCD with 1920 x 1080 Full HD and PCAP touch</td>
</tr>
<tr>
<td><strong>Work Surface</strong></td>
<td>468 x 468 x 16.5 x 10.2 in</td>
</tr>
<tr>
<td><strong>Load Capacity</strong></td>
<td>Up to 30 kg (66 lb)</td>
</tr>
<tr>
<td><strong>Keyboard/Mouse Area</strong></td>
<td>Standard: 914 x 201 x 59 mm (36 x 8 x 2.3 in) Double-stack bin: 190 x 295 x 140 mm (7.4 x 11.6 x 5.5 in)</td>
</tr>
<tr>
<td><strong>Extension Accessories</strong></td>
<td>Neck: Vertical surface. DIN rail (left, right, and rear)</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>12V DC, 5A max</td>
</tr>
<tr>
<td><strong>SDM Support</strong></td>
<td>C#, VB</td>
</tr>
<tr>
<td><strong>Certification</strong></td>
<td>CE, FCC, EN 62368-1</td>
</tr>
<tr>
<td><strong>RFID Bin</strong></td>
<td>ISO 15693 (NFC)</td>
</tr>
</tbody>
</table>

AMiS-810

- **Weight**: 2.17 g
- **Dimensions**: W 240 x D 355 x H 200 mm
- **Interface**: USB 2.0
- **SDK Support**: C#, VB
- **OS Support**: Win 7, Win 10
- **Certification**: CE, FCC, EN 62368-1
- **RFID Bin**: ISO 15693 (NFC)

AMiS-830

- **Level**: 10
- **Weight**: 40 kg
- **Cart dimensions**: W 920 x D 362 x H 1075 mm
- **Bin dimensions**: W 95 x D 295 x H 60 mm
- **Lock Mechanism**: All Lock (Digital lock)
- **RFID Bin**: ISO 15693 (NFC)

Function | Lite | Basic | Switch | Return | Proc
--- | --- | --- | --- | --- | ---
**Operation**
| RFID bin setting (assign patient to specific medication) | ● | ● | ● | ● | ●
| Console UI | ● | ● | ● | ● | ●
| Barcode scanner | ● | ● | ● | ● | ●
**Integration**
| Basic access log | ● | ● | ● | ● | ●
| Central database to management | ● | ● | ● | ● | ●
| Wi-Fi interface (MEDADT) | ● | ● | ● | ● | ●
| Discharge/transfer integration (optional) | ● | ● | ● | ● | ●
| Assign bins to patients using barcodes | ● | ● | ● | ● | ●
**System Architecture**
| Client application only | ● | ● | ● | ● | ●
| Client interface architecture | ● | ● | ● | ● | ●

Intelligent Power System

- **Battery Type**: Lithium-ion
- **Battery Capacity**: 420 Wh
- **Battery Usage**: At 80% capacity: 2000 cycles or 2 years (whichever occurs first)
- **Charge Time**: 5.5 hr @ 500 Wh
- **Input Voltage**: 100 – 240 VAC, 50 – 60 Hz, 4.0A max.
- **Output Voltage**: System 1: 19 VDC, 6A max. System 2: 12 VDC, 5A max.
- **Dimensions**: W 282 x D 101 x H 5.9 in
- **Weight**: 6 kg (13.23 lbs) or 7 kg (15.43 lbs)
- **IP Rating**: IK07

Medical Cart Accessories

- **4U Medication Box**: AMIS-M4A120XX-00AE
- **6U Medication Box**: AMIS-M6A23000-00AE
- **Sharps Container**: AMIS-60-SC-01-AE
- **Customizable Storage Box**: AMIS-60-BS-00-AE
- **Hand Disinfectant Holder**: AMIS-60-HD-00-AE
- **Mouse Holder**: AMIS-60-MH-00-AE
- **Glove Compartment**: AMIS-50-AACC-00-AE
- **Storage Baskets**: AMIS-60-BK-00-AE
- **Infusion Equipment**: AMIS-60-IF-00-AE
- **Medical Waste Trash Can**: AMIS-60-TC-30-AE
- **Expansion Plate + Mount Kit**: AMIS-60-EP-30-AE
- **Storage Box**: AMIS-50-SC-01-AE
## AIM-H Tablets

<table>
<thead>
<tr>
<th>AIM-H5</th>
<th>AIM-H6</th>
<th>AIM-H75H</th>
<th>AIM-H78H</th>
<th>MIT-W152</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Processor</strong></td>
<td>Intel® Atom™ x5-Z8500 quad-core, 1.44 GHz</td>
<td>Intel® Atom™ x7-Z8750 octa-core, 2.2 GHz</td>
<td>Intel® Atom™ x5-Z8350 quad-core, 1.6 GHz</td>
<td>Intel® Atom™ x5-Z8350 quad-core, 1.6 GHz</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>4 GB DDR3</td>
<td>4 GB DDR4</td>
<td>4 GB DDR4</td>
<td>4 GB DDR4</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>eMMC/micro SD</td>
<td>eMMC/micro SD</td>
<td>eMMC/micro SD</td>
<td>M.2 SSD</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>8” IPS LCD</td>
<td>10.1” IPS LCD</td>
<td>8” IPS LCD</td>
<td>10.1” IPS LCD</td>
</tr>
<tr>
<td><strong>Resolution</strong></td>
<td>WUXGA 1920 x 1200</td>
<td>WUXGA 1920 x 1200</td>
<td>WUXGA 1920 x 1200</td>
<td>WUXGA 1920 x 1200</td>
</tr>
<tr>
<td><strong>Touch Type</strong></td>
<td>10-point, multi-touch P-CAP</td>
<td>10-point, multi-touch P-CAP</td>
<td>10-point, multi-touch P-CAP</td>
<td>10-point, multi-touch P-CAP</td>
</tr>
<tr>
<td><strong>Operating System</strong></td>
<td>Windows 10 IoT</td>
<td>Android 10 with GMS</td>
<td>Windows 10 IoT</td>
<td>Windows 10 IoT</td>
</tr>
<tr>
<td><strong>Battery</strong></td>
<td>3.8V, 18.6Whr, 4900mAh</td>
<td>10.8V, 26Whr, 2400mAh</td>
<td>3.8V, 18.6Whr, 4900mAh</td>
<td>10.8V, 26Whr, 2400mAh</td>
</tr>
<tr>
<td><strong>Cables</strong></td>
<td>Front: 2MP FF camera</td>
<td>Front: 5MP AF camera</td>
<td>Rear: 5MP AF camera</td>
<td>Rear: 8MP AF camera</td>
</tr>
<tr>
<td><strong>Charging &amp; USB Port</strong></td>
<td>USB 2.0, power jack</td>
<td>USB 2.0, power jack</td>
<td>USB 2.0, power jack</td>
<td>USB 2.0, power jack</td>
</tr>
<tr>
<td><strong>Others</strong></td>
<td>360° rotatable handstrap</td>
<td>Holster</td>
<td>8” AR-screen protector film</td>
<td>10” AR-screen protector film</td>
</tr>
</tbody>
</table>

### Environmental
- **Operating Temperature**: 0 ~ 30 °C/32 ~ 86 °F
- **Storage Temperature**: -30 ~ 60 °C/-22 ~ 140 °F
- **Humidity**: 30 ~ 90% RH, non-condensing
- **Drop Tolerance**: Up to 120 cm (4.7 ft) onto plywood

### Accessories
- Stylus holder
- Hand strap
- Shoulder strap
- Kick stand

### Extension Modules
- Barcode scanner 30°
- Barcode scanner 70°
- LAN + COM module

### Battery
- VESA mount (75 x 75)
- Hot-swappable, 3.8V, 18.6Wh, 4900mAh
- Hot-swappable, 10.8V, 26Wh, 2400mAh

### Multi-Battery Charging Station
- Supports up to 4 external battery packs

### Desk Dock
- VESA Dock
- 3-in-1 multifunctional stand

### AIM-H Peripherals

<table>
<thead>
<tr>
<th>AIM-S20H</th>
<th>AIM-S27H</th>
<th>AIM-S27W</th>
<th>AIM-S27W</th>
<th>AIM-S27W</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Port Number</strong></td>
<td>AIM-S20H-0001 (full I/O)</td>
<td>AIM-S20H-0002 (full I/O)</td>
<td>AIM-S20H-0003 (full I/O)</td>
<td>AIM-S20H-0004 (full I/O)</td>
</tr>
<tr>
<td><strong>Features</strong></td>
<td>HD 2.0, USB 3.0, RS-232, LAN, power jack</td>
<td>HD 2.0, USB 3.0, RS-232, LAN, power jack</td>
<td>HD 2.0, USB 3.0, RS-232, LAN, power jack</td>
<td>HD 2.0, USB 3.0, RS-232, LAN, power jack</td>
</tr>
</tbody>
</table>

### Desktop Dock
- VESA Dock
- 3-in-1 multifunctional stand
- AIM-S27W-0005

### Accessories
- Stylus holder
- Hand strap
## Table Stands

<table>
<thead>
<tr>
<th>Product</th>
<th>TS5D-WS102</th>
<th>TS5D-WS150</th>
<th>TS5D-WS1752</th>
<th>TS5D-WS2710</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Net Weight</strong></td>
<td>1.61 kg / 3.55 lb</td>
<td>1.49 kg / 3.29 lb</td>
<td>1.75 kg / 3.86 lb</td>
<td>2.02 kg / 4.45 lb</td>
</tr>
<tr>
<td><strong>Dimensions</strong> (W x H x D)</td>
<td>203 x 213 x 227 mm / 8.0 x 8.4 x 8.9 in</td>
<td>203 x 213 x 227 mm / 8.0 x 8.4 x 8.9 in</td>
<td>203 x 275 x 237 mm / 8.0 x 8.9 x 9.3 in</td>
<td>241 x 345 x 290 mm / 9.5 x 13.5 x 11.4 in</td>
</tr>
<tr>
<td><strong>Material</strong></td>
<td>Steel, plastic, zinc</td>
<td>Steel, plastic, zinc</td>
<td>Steel, aluminum alloy, plastic</td>
<td>Steel, aluminum alloy, plastic</td>
</tr>
<tr>
<td><strong>Height Adjustment</strong></td>
<td>N/A</td>
<td>N/A</td>
<td>-2° (down) ~ +180° (up)</td>
<td>-2° (down) ~ +180° (up)</td>
</tr>
<tr>
<td><strong>Cable Management</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

## Arm Mounts

<table>
<thead>
<tr>
<th>Product</th>
<th>MNT-MRFBX15</th>
<th>MNT-MTW1002</th>
<th>ARM-MBWHA308</th>
<th>ARM-MRNEA606</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Net Weight</strong></td>
<td>1.17 kg / 2.59 lb</td>
<td>3.39 kg / 7.52 lb</td>
<td>1.61 kg / 3.55 lb</td>
<td>1.61 kg / 3.55 lb</td>
</tr>
<tr>
<td><strong>Dimensions</strong> (L x W x H)</td>
<td>24.01 x 21.2 x 50.0 in / 61.1 x 54 x 127 cm</td>
<td>39.9 x 14.6 x 15.1 in / 101 x 37 x 38 cm</td>
<td>24.01 x 21.2 x 50.0 in / 61.1 x 54 x 127 cm</td>
<td>39.9 x 14.6 x 15.1 in / 101 x 37 x 38 cm</td>
</tr>
<tr>
<td><strong>Material</strong></td>
<td>Steel, plastic</td>
<td>Steel, plastic</td>
<td>Steel, plastic</td>
<td>Steel, plastic</td>
</tr>
<tr>
<td><strong>Mounting Pattern</strong></td>
<td>75 x 75 / 100 x 100</td>
<td>100 x 100 / 75 x 75</td>
<td>100 x 100 / 75 x 75</td>
<td>100 x 100 / 75 x 75</td>
</tr>
</tbody>
</table>

## Keyboard/Mouse/Scanner

<table>
<thead>
<tr>
<th>Product</th>
<th>KBK-MCWIG829</th>
<th>KBS-MCWIG081</th>
<th>KYU-MCWIG591</th>
<th>SCN-MCWIG53B</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Net Weight</strong></td>
<td>1.17 kg / 2.59 lb</td>
<td>1.56 kg / 3.44 lb</td>
<td>0.94 kg / 2.07 lb</td>
<td>0.27 kg / 0.59 lb</td>
</tr>
<tr>
<td><strong>Dimensions</strong> (L x W x H)</td>
<td>38.1 x 15.75 x 0.98 in / 969 x 400 x 25 mm</td>
<td>9.88 x 5.08 x 0.39 in / 250 x 129 x 10 mm</td>
<td>11.81 x 5.91 x 0.39 in / 300 x 150 x 10 mm</td>
<td>3.94 x 1.57 x 0.16 in / 100 x 40 x 4 mm</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>Black, Red, Green</td>
<td>White</td>
<td>Chess</td>
<td>White</td>
</tr>
<tr>
<td><strong>Operating System</strong></td>
<td>Windows, Mac OS</td>
<td>Windows, Mac OS</td>
<td>Windows, Mac OS</td>
<td>Windows</td>
</tr>
<tr>
<td><strong>Keys per Key</strong></td>
<td>104</td>
<td>104</td>
<td>77</td>
<td>77</td>
</tr>
<tr>
<td><strong>Keypad Contact</strong></td>
<td>Membrane</td>
<td>Membrane</td>
<td>Membrane</td>
<td>Membrane</td>
</tr>
<tr>
<td><strong>IP Rating</strong></td>
<td>IP54</td>
<td>IP54</td>
<td>IP54</td>
<td>IP54</td>
</tr>
<tr>
<td><strong>Certification</strong></td>
<td>CE, FCC, RoHS</td>
<td>CE, FCC, RoHS</td>
<td>CE, FCC, RoHS</td>
<td>CE, FCC, RoHS</td>
</tr>
</tbody>
</table>

## Spring Type

- Pneumatic
- -2° (down) ~ +180° (up)

## Hinge Module

<table>
<thead>
<tr>
<th>Product</th>
<th>TS5D-WA101</th>
<th>TS5D-WA134</th>
<th>TS5D-WA177</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Net Weight</strong></td>
<td>3.12 kg / 6.88 lb</td>
<td>3.12 kg / 6.88 lb</td>
<td>4.94 kg / 10.88 lb</td>
</tr>
<tr>
<td><strong>Dimensions</strong> (W x H x D)</td>
<td>203 x 213 x 227 mm / 8.0 x 8.4 x 8.9 in</td>
<td>203 x 213 x 227 mm / 8.0 x 8.4 x 8.9 in</td>
<td>300 x 470 x 250 mm / 11.8 x 18.6 x 9.8 in</td>
</tr>
<tr>
<td><strong>Material</strong></td>
<td>Steel, plastic, zinc</td>
<td>Steel, plastic, zinc</td>
<td>Steel, plastic, zinc</td>
</tr>
<tr>
<td><strong>Height Adjustment</strong></td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Cable Management</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

## Display Support

<table>
<thead>
<tr>
<th>Product</th>
<th>TS5D-WA102</th>
<th>TS5D-WA150</th>
<th>TS5D-WA1752</th>
<th>TS5D-WA2710</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Net Weight</strong></td>
<td>3.12 kg / 6.88 lb</td>
<td>3.12 kg / 6.88 lb</td>
<td>4.94 kg / 10.88 lb</td>
<td>4.94 kg / 10.88 lb</td>
</tr>
<tr>
<td><strong>Dimensions</strong> (W x H x D)</td>
<td>203 x 213 x 227 mm / 8.0 x 8.4 x 8.9 in</td>
<td>203 x 213 x 227 mm / 8.0 x 8.4 x 8.9 in</td>
<td>300 x 470 x 250 mm / 11.8 x 18.6 x 9.8 in</td>
<td>440 x 130 x 25 mm / 17.3 x 5.1 x 1 in</td>
</tr>
<tr>
<td><strong>Material</strong></td>
<td>Steel, plastic, zinc</td>
<td>Steel, plastic, zinc</td>
<td>Steel, plastic, zinc</td>
<td>Steel, plastic, zinc</td>
</tr>
<tr>
<td><strong>Height Adjustment</strong></td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Cable Management</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

## Hinge Module

| Product | Hinge Module | Material | Screen Type | Screw Type | Dimensions | Screw Type | Dimensions | Screw Type | Dimensions | Screw Type | Dimensions | Screw Type | Dimensions |
|---------|--------------|----------|-------------|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|
| TS5D-WA102 | M4 | Steel, plastic, zinc | M4 | Steel, plastic, zinc | 203 x 213 x 227 mm / 8.0 x 8.4 x 8.9 in | M4 | Steel, aluminum alloy, plastic | 300 x 470 x 250 mm / 11.8 x 18.6 x 9.8 in | M4 | Steel, aluminum alloy, plastic | 241 x 345 x 290 mm / 9.5 x 13.5 x 11.4 in |

## Adjustment Type

- Adjustable Tension
- Adjustable Torque

## Adjustment Range

<table>
<thead>
<tr>
<th>Product</th>
<th>TS5D-WA102</th>
<th>TS5D-WA150</th>
<th>TS5D-WA1752</th>
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## Cable Management

*Yes*
Product Selection Guide

**iWard Suite**

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<tr>
<th>WISE-STACK Edge (1 server)</th>
<th>WISE-STACK 200 (3 servers)</th>
<th>WISE-STACK 300 (6 servers)</th>
<th>WISE-STACK 600 (10 servers)</th>
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<td><strong>iWard Suite</strong></td>
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<td>Nursing Control Station (POC-621)</td>
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<td>Nursing Dashboard</td>
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<td>iWard Server</td>
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<td>Bedside Information/Terminal</td>
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<td>Bedside ePaper Display</td>
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**WISE-STACK Family: WISE-STACK Edge, WISE-STACK 200/300/600**

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<tr>
<th>Feature</th>
<th>WISE-STACK Edge (1 server)</th>
<th>WISE-STACK 200 (3 servers)</th>
<th>WISE-STACK 300 (6 servers)</th>
<th>WISE-STACK 600 (10 servers)</th>
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<td>Visualisation WISE-PaaS/Dashboard</td>
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<td>Low-code framework</td>
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<td>Asset Management WISE-PaaS/InsightAPM</td>
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<td>Asset performance management</td>
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<td>Predictive maintenance</td>
<td>●</td>
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<tr>
<td>Process quality assurance</td>
<td>●</td>
<td>●</td>
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<td>AI Framework Service WISE-PaaS/AIFS</td>
<td>By model</td>
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<td>Resources &amp; data management</td>
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<td>Pre-loaded algorithm</td>
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<td>AI model lifecycle management</td>
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<td>Mass deployment</td>
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<td>HCI CubeOS</td>
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<td>Compute virtualization</td>
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<tr>
<td>Storage virtualization</td>
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<tr>
<td>Network virtualization</td>
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<tr>
<td>GUI central management</td>
<td>●</td>
<td>●</td>
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<tr>
<td>Kubernetes</td>
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<th>Hardware</th>
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<tbody>
<tr>
<td>Dimensions (W x H x D) Rack/server-level delivery</td>
<td>448 x 88.4 x 760.0 mm/17.63 x 3.48 x 29.92 in</td>
<td>600 x 1000 x 1200 mm/23.62 x 78.34 x 47.24 in</td>
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<tr>
<td>Processor</td>
<td>Intel® Xeon® Scalable</td>
<td>10 ~ 32 cores</td>
<td>90 cores</td>
<td>174 cores</td>
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<tr>
<td>Memory</td>
<td>DDR4 ECC REG</td>
<td>64 GB</td>
<td>96 GB</td>
<td>192 GB</td>
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<tr>
<td>Storage</td>
<td>Total physical volume</td>
<td>16 TB</td>
<td>96 TB</td>
<td>192 TB</td>
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<td>Network Switch</td>
<td>10 GbE SFP+ x12, RJ45 x12</td>
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Regional Service & Customization Centers

China
- Kunshan 86-512-5777-5666
- Taipei 886-2-7732-3399
- Kaohsiung 886-7-392-3600

Taiwan
- 886-2-7732-3399

Netherlands
- Eindhoven 31-40-267-7000

Poland
- Warsaw 0800-2426-8080

USA
- Milpitas, CA 1-408-519-3898

Middle East and Africa
- Israel 072-2410527

Europe

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Asia Pacific

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Americas

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