iEi®

Medical Solution

intel®

www.ieiworld.com

30 years of experience in electronic product design and manufacture

Expertise in a wide range of technologies and vertical know-how

Specializes in IoT gateway, embedded system, panel PC, image capture and storage

Digitalized documents throughout product life cycle

100% own manufacturing facilities and experienced R&D

Partnerships with world-leading component and software companies

Key Advantages and Certifications

Certifications

By implementing dozens of industry-leading testing devices and rigorous inspection processes, our product quality is ensured at every stage, from design, development to product release.

ISO 13485: 2016 · ISO 45001: 2018 · ISO 9001: 2015 · ISO 14001: 2015 · ISO 27001:2022 · QC 080000: 2012 · ISO 28000:2022

REACH Compliance · Halogen Free · RoHS COMPLIANT · FC · CE · CLASSIFIED c UL us E362958 · SGS · SGS

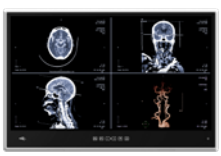
Awards

Winning numerous awards, IEI is a company that has earned worldwide acclaim. Both the iF Design Award and the Taiwan Excellence Award indicate the innovation of our products.


TAIWAN EXCELLENCE 2023 · iF DESIGN AWARD 2022


TAIWAN EXCELLENCE 2022


台灣精品2025 TAIWAN EXCELLENCE


TAIWAN EXCELLENCE 2022

iF DESIGN AWARD 2019

TAIWAN EXCELLENCE 2020

Precise Solution for Digital Transformation in Healthcare

IEI is deeply involved in the medical industry. We continuously integrate the latest technologies to develop high-quality and reliable nursing cart computers, all-in-one panel PCs, AI box PC and other innovative products to provide high-quality medical solutions, create a good working environment for medical personnel, and ensure better medical services for patients.

Brand positioning in IEI medical products

Healthcare IT

Medical Information

HIS, NIS, EMR, Vital sign, etc.

Information Gateway

Medical Imaging & Analytics

OCT, CT, MRI, etc.

Image Gateway

Mobile Healthcare & Software

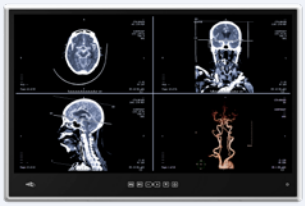
POCm Docking | AXON-mPOWER | Battery monitoring app | Central Management

All-in-one Panel PC



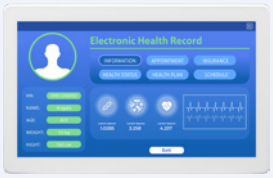
IASO Series
7”/8”/10”

POCm Series
22”/24”



POCi Series
22”/24”

Monitor



MPOCm-W24
24”

AI Box PC

HTB-210

HTB-300

HTB-230

HTB-230D
10”

Box PC

HTB-150

EndoCap-3588
8”

Mobility

POCm Docking

AXON-mPOWER

Software

Battery monitoring app

Central management

HTB-300-MTL-H

The HTB-300-MTL-H is a Medical AI Embedded System designed for medical imaging analysis, diagnostic assistance, and real-time data processing. It ensures exceptional computational efficiency and real-time performance.

Fanless Design

Space Saving

AI Computing

USB 3.2 Gen 2

Intel® Core™ Ultra Series

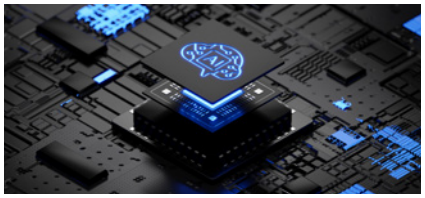
Intel® Core™ Ultra5-125H/ Ultra7-155H (code name: Meteor Lake-H) processors enhance multitasking and power efficiency, embodying unmatched innovation and precision.

Compatibility NVIDIA GPU Card

The MXM 3.1 Type A/B slot expansion is compatible with NVIDIA GPU cards from the RTX Ampere series and the RTX Ada series.

Neural Processing Unit(NPU)

Intel's first innovative built-in NPU processor for AI computations, delivers unmatched efficiency for AI workloads.



PCIe Expansion Slot

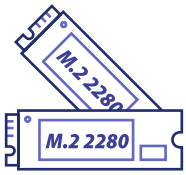
The PCIe Gen4 x4 enhances system flexibility, supporting applications such as AI accelerator cards, GPU cards or value-added cards for increased computing power.

AI Accelerator Card

PoE Injector Card

M.2 2280 M-key SSD

Dual M.2 2280 Gen4 x4 M key expansion slots support PCIe signal and retain flexibility for higher storage capacity.



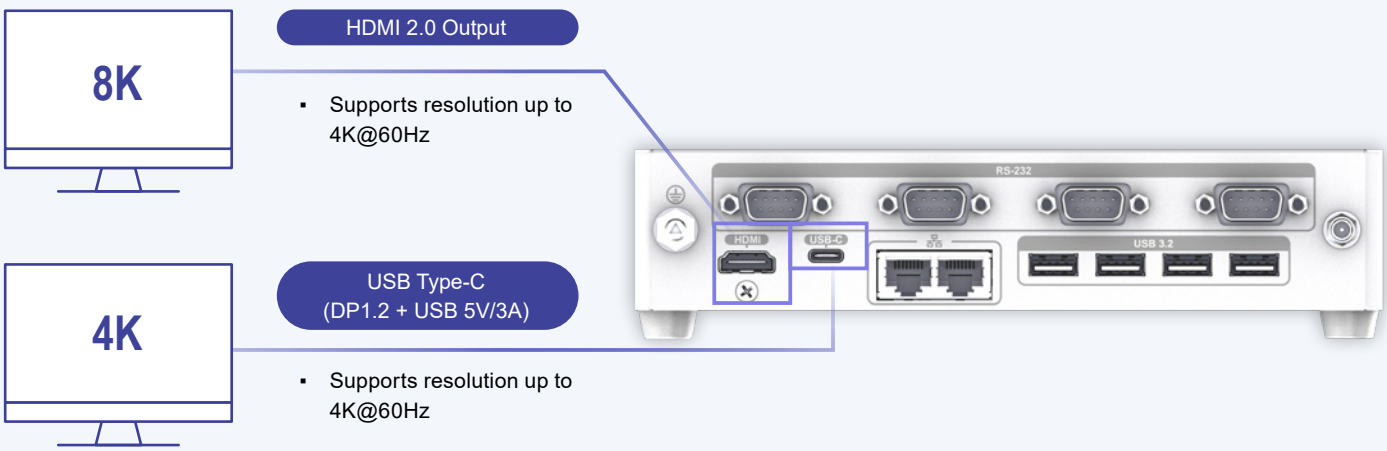
SO-DIMM DDR5

SO-DIMM DDR5 with up to 5600MT/s dual-channel delivers higher bandwidth, up to 64GB capacity, better performance, and lower latency.

Flexible Mounting Options

Offers flexible placement options, including horizontal, vertical, or wall mounting, to meet installation needs and ensure seamless integration.

Dual-Monitor



Applications

HTB-230D / 230-R680E

The HTB-230 series is an Medical AI Box PC designed to highly integrate into the medical environment. It helps medical staffs find symptoms earlier via AI analytics and inference, shorten the time for pathological analysis and optimize patients' treatment plans. It is ideal to work in many kinds of medical scenario such as endoscopy AI, orthopedic AI, hematology, examination room, pathology and radiology.

DDR5 Memory

AI Computing

700W Medical Power Supply

Multi-Touch

- HTB-230-R680E
- HTB-230D-R680E

13th Generation Intel® Core™ Processor

- 13th Gen Intel® Core™ i9-13900 / i7-13700 / i5-13500
- Up to 24 cores & 32 threads
- Socket-compatible with Alder Lake
- Internal Graphics

Supports NVIDIA GPU Card

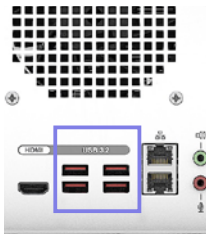
- A PCIe Gen4 x16 slot supports GPUs up to 111.15 mm (4.4 inches) in height, 312 mm (12.28 inches) in length, and triple-slot width. Compatible with NVIDIA RTX series GPUs.
- Supporting full-length, full-height GPU cards with up to three-slot widths, supporting the high-end NVIDIA RTX series.

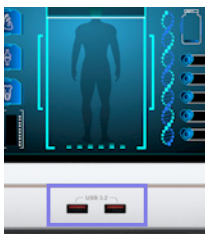
M.2 NVMe PCIe SSD

Compared to SSD, PCIe NVMe SSD significantly improves bandwidth and provides faster response time.

USB 3.2

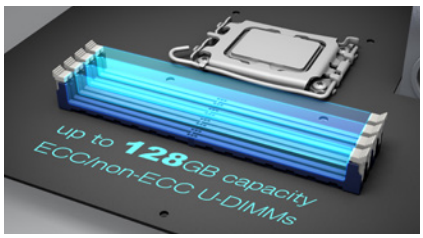
- Dual USB 3.2 Gen 2 (front)
- 4 x USB 3.2 Gen 2 (rear)





DDR5 Memory

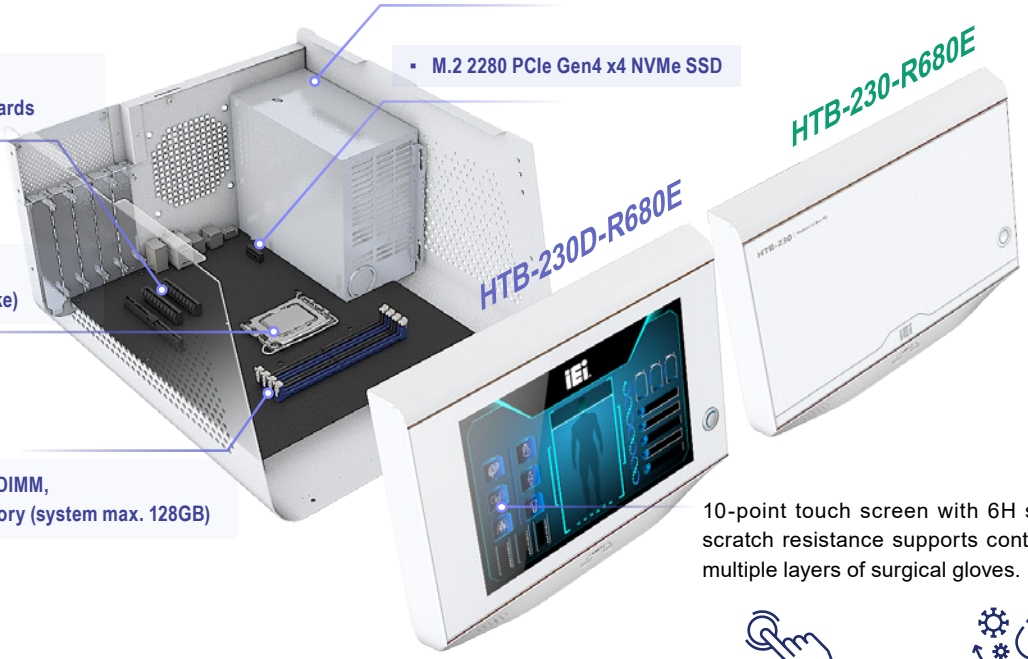
- Speed at 4400 MT/s, a 50% increase over DDR4's 3200 MT/s.
- ECC & non-ECC memory modules.



Touch Screen

10-point touch screen with 6H surface scratch resistance supports control with multiple layers of surgical gloves.

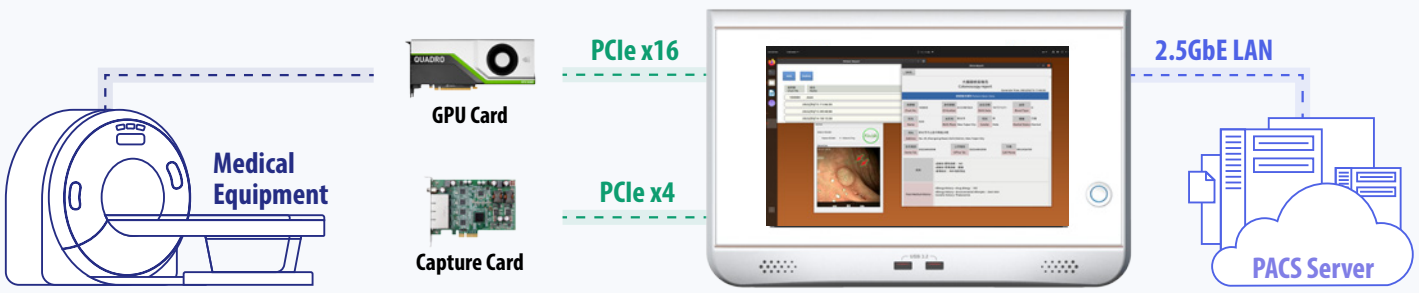
- 700W medical grade power supply
- M.2 2280 PCIe Gen4 x4 NVMe SSD
- 1 x PCIe Gen4 x16 slot for GPU
- 2 x PCIe Gen4 x4 slot for add-on cards
- 13th Gen Intel® Core™ i5/i7/i9 processor (code name: Raptor Lake)
- 4 x 288-pin dual-channel DDR5 U-DIMM, ECC & non-ECC un-buffered memory (system max. 128GB)



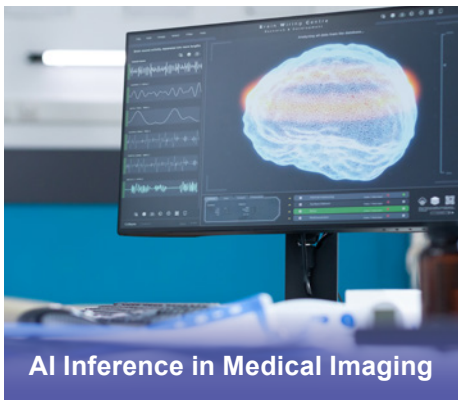
10-point touch screen with 6H surface scratch resistance supports control with multiple layers of surgical gloves.

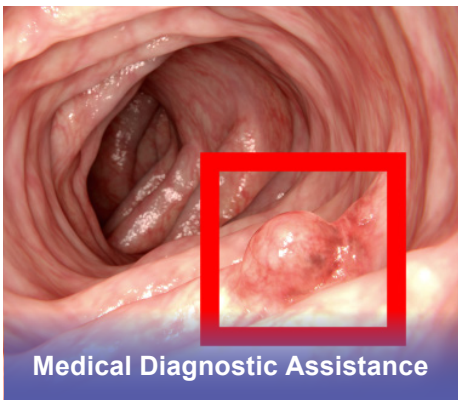
- Humid & dust protection
- Medical-gloved touch

AI-Integrated Medical Imaging Solution



Applications





HTB-210-Q470

The HTB series is a space-saving AI precision medicine solution designed to highly integrate into the medical environment. It helps medical staffs find symptoms earlier via AI analytics and inference, shorten the time for pathological analysis and optimize patients' treatment plans. Many kinds of medical scenarios are suitable for its use, such as endoscopy AI, orthopedic AI, hematology, examination room, pathology and radiology.

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DESIGN AWARD 2022

Smart Fan

AI Computing

PCIe Slot

HDMI

Type C

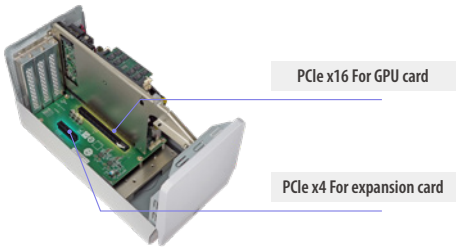
USB 3.2

Intel® Core™ i5/i7 Processor

- Improve productivity and stunning entertainment up to 5.3 GHz
- Intel® Wi-Fi 6 (Gig+)
- Thunderbolt™ 3 technology
- 4K HDR
- Intelligent system optimization

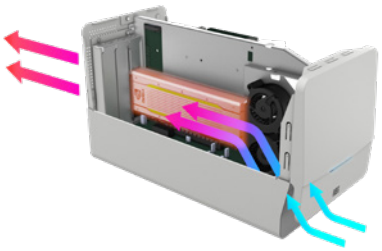
PCIe x16 and PCIe x4 Expansions

High compatibility for the expansions. PCIe x4 and PCIe x16 slots allow the end-user to choose accelerator cards based on their different needs.



Unique Thermal Solution

Catering to NVIDIA® Tesla T4 passive heat sink design, IEI adopts blower-ventilation solution that not only creates a strong air flow but also minimizes the noise made by fan system.



Compact Edge Device

Compact edge device with great computing & graphics performance.

Compact Size

The compact chassis in pure white makes it possible to fit in any medical scenario. The metal housing is corrosion-resistant.

AI Inference

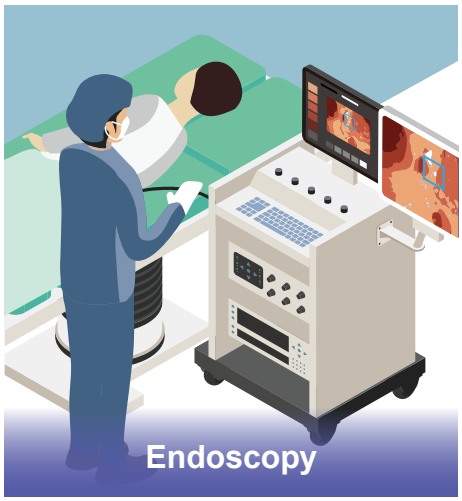
Built-in with pre-trained model for AI inference in medical image processing.

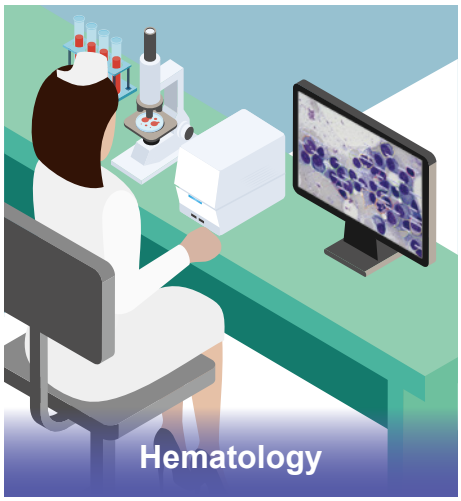
2 x 2.5GbE LAN

2 x USB 2.0 (front side)

Accessible HDD

Applications





HTB-150-N6210

The HTB-150-N6210 is a medical grade embedded system with a high-performance Intel® Celeron® N6210 processor. Palm size with fanless design makes it a perfect medical IoT edge device for data communication or integration with medical devices.

Fanless Design

eMMC 32GB

LPDDR4x 8GB

Space Saving

Medical Certification

Intel® Celeron® Processor

The processor offers up to a 1.5-1.7x improvement in computing performance, and up to 2x performance improvement in graphics compared to previous generation processors.

On-board eMMC

It is ideal for demanding applications and is highly reliable. Considering its size, eMMC is capable of handling extremely large amounts of data in such a small footprint.

Fanless Design

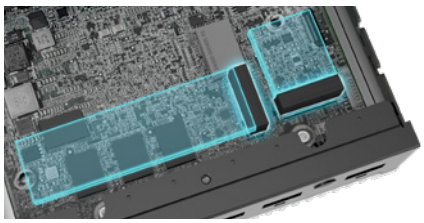
It can reduce noise and prevent the accumulation of debris causing blocked vents, potentially damaging electrical components.

Wi-Fi 6E (optional)

Supports higher data rates, increased capacity and improved power efficiency.

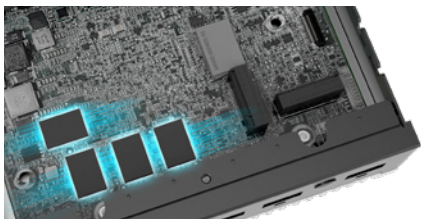
M.2 Expansion

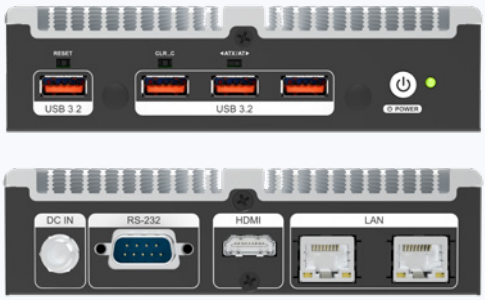
The M.2 2280 M key expansion slot supports PCIe 3.0signal and reserved the availability for higher storage capacity.



On-board LPDDR4x

LPDDR4x is an enhancement bringing even lower voltage, allowing more power efficient memory and ultimately, longer battery life for your devices.





Basic communication I/O for device integration

Compact size

It is small enough to fit in the palm of your hand, making it convenient to carry and use in any setting. Its small size makes it versatile and suitable for various environments.

Large area of heat fins

Heat fins are metal fins that increase the surface area for heat dissipation, improving the cooling performance. The larger the area of the heat fins, the more effective they are in dissipating heat.

Metal chassis

The housing is entirely made of metal, enhancing cooling, durability and strength.

EndoCap-3588

The EndoCap-3588 is a Digital Endoscopic Recording System with an 8" touch screen, enhancing digital recording for endoscopes. It features software to generate for DICOM 3.0 standard, FDA certification, and seamless PACS server connectivity for endoscopy workflows.

台灣精品 2025
TAIWAN EXCELLENCE

Fanless Design

Arm-Based

Space Saving

8-Inch Touchscreen Display Interface

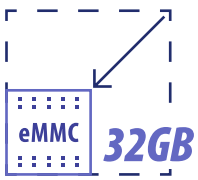
Wi-Fi 6 & Bluetooth

FDA-Certified Software

FDA-certified software with HD video capture, multi-format support, and seamless PACS integration.

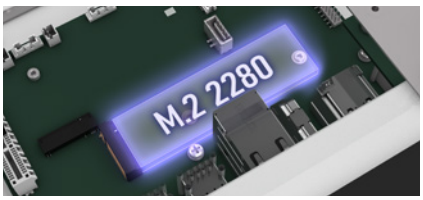
On-board eMMC

- It is ideal for demanding applications and is highly reliable.
- Considering its size, eMMC 32GB is capable of handling extremely large amounts of data in such a small footprint.



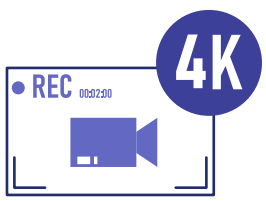
Built-in M.2 2280 4TB SSD

Plug-and-play M.2 SSD slots with up to 4TB capacity and fastest read/write speeds for large-scale data processing.



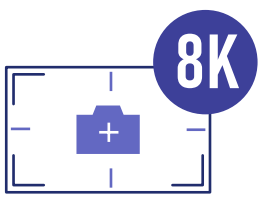
4K@60 FPS Recording

Recording in 60 FPS and capturing screenshots at up to 4K resolution, the device utilizes an efficient MP4 video format for convenient sharing.



4K/8K Image Resolution

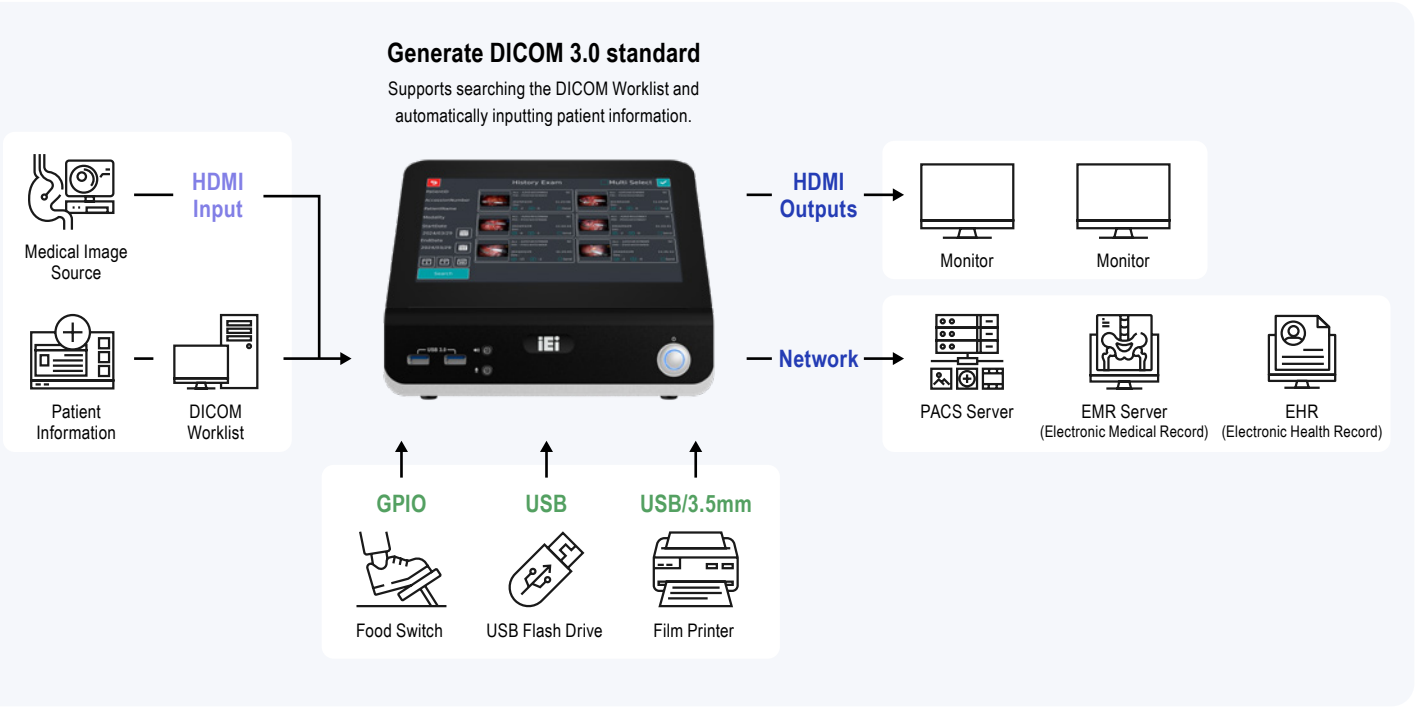
Enjoy high resolution with clarity exceeding 40% more than 4K (up to 8K)and 43% more than the human eye, providing a granularity-free experience at short distances.

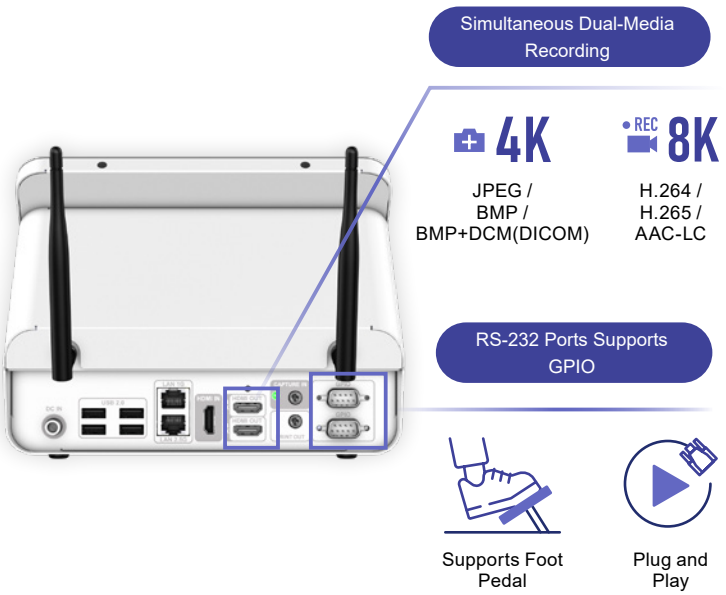


Wi-Fi 6

It supports higher data rates, increased capacity and improved power efficiency.

Digital Endoscopic Images Integration Workflow





Applications

IASO-W07A-N6210

The IASO-W07A-N6210 is a 7" medical panel PC with a high-performance Intel® Celeron® N6210 processor. Tiny size with fanless design makes it suitable for various medical environment as a data gateway or HMI.

Fanless Design

Multi-Touch

USB 3.2 Gen 2

P-CAP Touch

Projected capacitive touchscreen supports multi-touch & multi-layer medical gloved operation.

Fanless Design

Fanless design known as passive cooling technology not only reduces noise but also prevents the accumulation of debris causing blocked vents, potentially damaging electrical components.

M.2 Expansion

The M.2 2280 M key expansion slot supports SATA signal and reserved the availability for higher storage capacity.

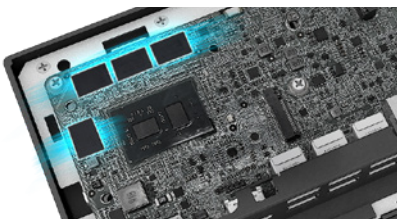
Wi-Fi 6/6E

It supports higher data rates, increased capacity and improved power efficiency.

Wi-Fi 6/6E CERTIFIED

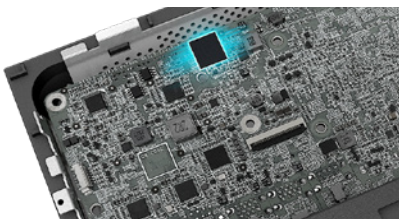
On-board LPDDR4x

LPDDR4x is an enhancement bringing even lower voltage, allowing more power efficient memory and ultimately, longer battery life for your devices.



On-board eMMC

It is ideal for demanding applications and is highly reliable. Considering its size, eMMC is capable of handling extremely large amounts of data in such a small footprint.



Compact Size, Flexible Configuration

Friendly Interface, Multi-Layer Glove Operation

Default Up to Six USB 3.2 Ports Greatly Enhance the Flexibility and Device Connectivity

IASO-W08PLED-N6210

The IASO-W08PLED-N6210 is a compact Panel PC for efficient medical digitalization, reducing errors and improving workflow. Its LED light bars provide real-time status indicators, while the 10-point touchscreen ensures seamless operation with gloved hands.

intel. CELERON

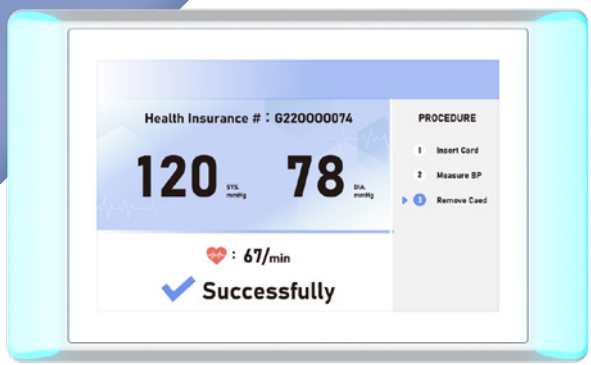
Fanless Design

Multi-Touch

eMMC 32GB

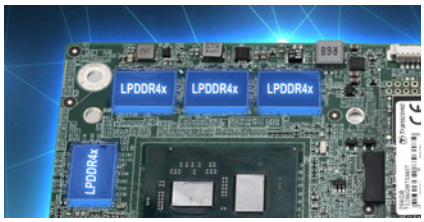
LPDDR4x 8GB

PoE



On-board LPDDR4x

LPDDR4x is an enhancement bringing even lower voltage, allowing more power efficient memory and ultimately, longer battery life for your devices.

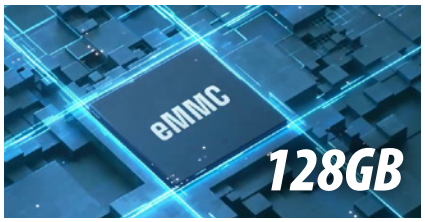


M.2 2242 M-key SSD

The M.2 2242 M key expansion slot supports PCIe / SATA signal and improves bandwidth and provides faster response time.

On-board eMMC 5.1

Ideal for demanding applications, eMMC offers high reliability and up to 128GB storage in a compact size.



Wi-Fi 6E (optional)

It supports higher data rates, increased capacity and improved power efficiency.

Wi-Fi 6E CERTIFIED

Programmable LED Light Bars

Bright and simple outlook with programmable LED lights on both sides. Each light bar has 10 programmable RGB LEDs.

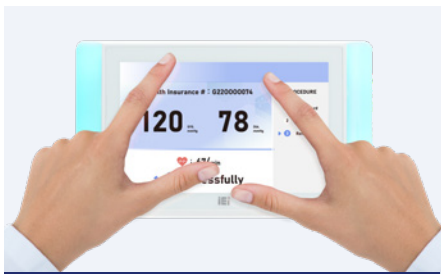
14x2.2cm Larger LED light bar

Power over Ethernet

PoE simplifies wiring by combining data and power in one Ethernet cable, removing the need for extra outlets or infrastructure changes.

8–Inch P-CAP Touchscreen

6H surface scratch resistance



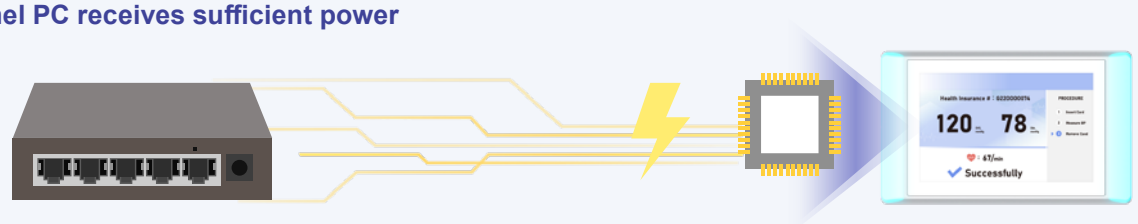
10-Point P-CAP touch

Multiple layers of surgical gloves

PoE Automatic Switching Function

The onboard PoE design eliminates the need for additional cables or modules.
The PoE function is integrated into the motherboard to provide stable, interference-free signal quality. When the PoE switch has specific low-power requirements, the IASO-W08PLED-N6210 communicates with the PoE switch to supply the necessary power, allowing the device to automatically adjust its power consumption for stable operation.

- **Panel PC receives sufficient power**

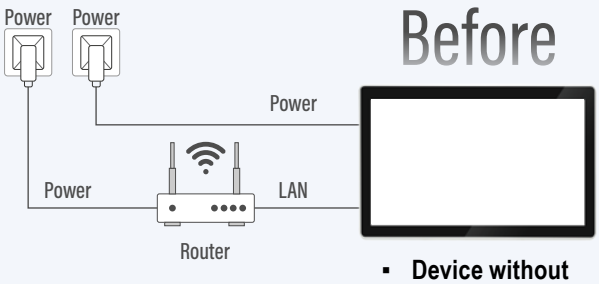


Built-in controller auto-negotiates power with PoE switch

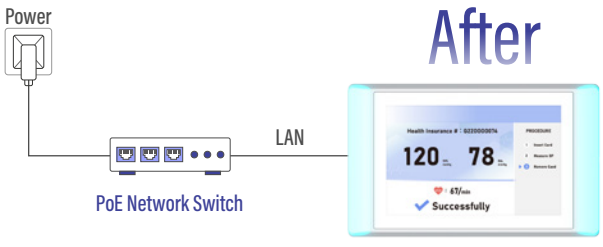
8Class	PSE Output(W)	PD Input(W)	PoE Type	Standard
0	15.4	12.95	1	IEEE 802.3af
1	4	3.84	1	
2	7	6.49	1	
3	15.4	12.95	1	
4	**30**	**25.5**	**2**	**IEEE 802.3at**
5	45	40	3	IEEE 802.3bt

GbE LAN

Save Space by Using a Single Cable



- **Device without PoE function**



- **PD, Powered Device**
  IASO-W08PLED-N6210

IASO-W10B-N6210 & IASO-W10B-IMX8M

The IASO-W10B-N6210 and IASO-W10B-IMX8M are 10.1" medical panel PCs with high-performance Intel® Celeron® N6210 and NXP i.MX 8M Mini processors. There are programmable LED light bars on both sides. It is a data acquisition terminal designed for medical professionals to help clinical work and workflow efficiency.

LED Light Bar | RFID Reader | Multi-Touch | IP65

Intel® / NXP® CPU

- Intel® Celeron® N6210
- NXP® i.MX 8M Mini Quad-core Cortex-A53

Programmable LED Light Bars

Bright and simple outlook with programmable LED lights on both sides. Each light bar has 10 programmable RGB LEDs.

Power over Ethernet (optional)

- IASO-W10B-N6210 compliant with IEEE802.3at Class 4 & IEEE 802.3bt Class 5.
- Providing efficient power with less cabling for best performance.

In-Wall Mounting

It can be embedded in or on a wall.

AI Audio Analytics (optional)

Real-time detect emergencies in the hospital, including under-staffed areas, restricted areas and surveillance blind spots. Notify staffs to enable faster response and reduce rescue time.

RFID Reader (optional)

An RFID dualband card is capable of reading both 125 kHz and 13.56 MHz credentials.

10-Point Touch Screen with Optical Bonding

Humid & Dust Protection

Anti-UV

Medical Gloved Touch

Reduced Weight

Better Visibility

IASO-W10B-IMX8M-R10 I/O Interface

- 1GbE supporting PoE
  (ErP is not supported in PoE mode)

IASO-W10B-N6210 I/O Interface

- 1GbE supporting PoE
  (ErP is not supported in PoE mode)

Applications

Data Management

Bedside Terminal

Patient Room Display

POCi-W22C/W24C-RPL

The POCi series is an intelligent medical grade panel PC featuring PCIe x4 expansion slot for integrating optional value-added cards. Moreover, DICOM preset and isolated COM and LAN ports make safe operation in medical critical care scenarios such as radiology, telemedicine, endoscopy system or surgical working station.

IP66

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Wi-Fi 6E

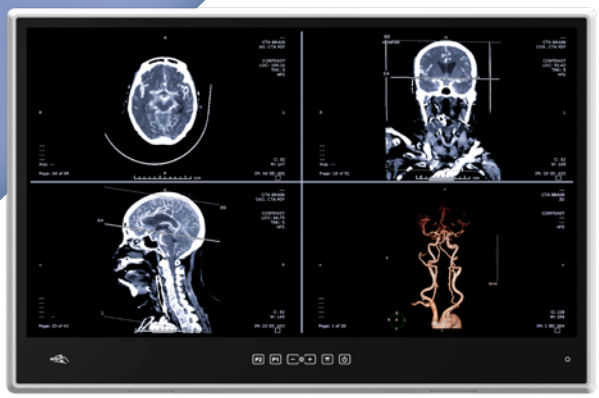
Multi-Touch

Modular PCIe

DICOM Module

Reading Light

Isolated I/O



Intel® Core™ i5/i7 Processor

- 13th Gen Intel® Core i5-1340PE
- 13th Gen Intel® Core i7-1370PE

IPS Panel with Chemical Etching AG Coating Glass

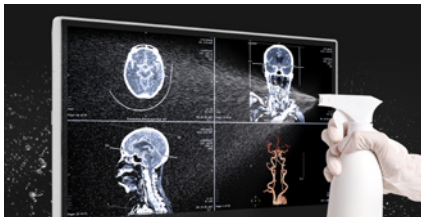
High-performance IPS panel enables a wide 178° viewing angles and advanced visual performance. The chemical etching AG coating reduces visual fatigue resulting from light interference.

DICOM Preset Module (optional)

The way the human eye responds to contrasts in light levels is not linear. Calibration of the display system is important to ensure that each image is shown consistently every time it is viewed.

Chemical Resistance

Sterilization is a daily routine of hospitals. Aluminum front frame is not only lightweight but also very durable for chemical erosion. The PC/ABS back cover is also carefully selected and proved to be resistant to the commonly seen detergents.



Modular Expansion Design

The highly expandable PCIe x4 slot makes the whole system more flexible and easily meet the individual needs from different applications, for instance, adopting the AI accelerator card to enhance computing power.

AI Accelerator Card

PoE Injector Card

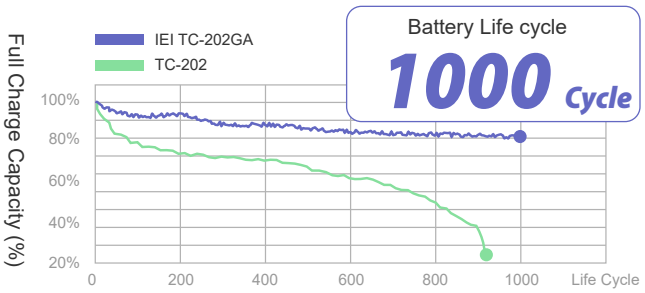
Built-in Power Supply

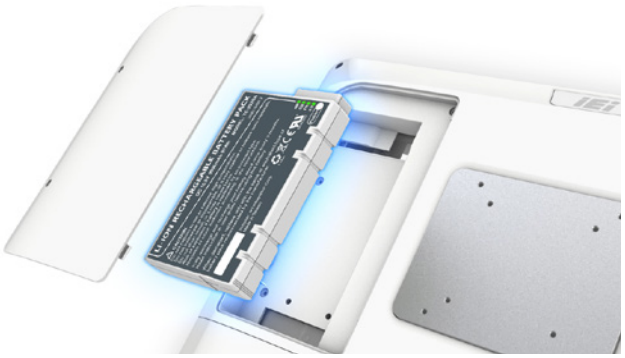
Eliminates the need for external power adapter and multiple cables, simplifying device placement and minimizing hazards.

With Adapter
Thick and harder to store

Power Cord
More convenient, more light

Ensure Continuous Operation with an Optional Built-in Battery Pack





Dual M.2 Drives for Data Redundancy

The optimized storage configuration provides two slots to replace the original HDD and supports the PCIe 3.0 x4 channel for faster transfer speeds.

Potential Equalization Conductor

- Reduction of Electromagnetic Interference
- Enhanced Safety in Medical Devices
- Compliance with Standards
- Prevention of Devices Malfunction

Applications

Operating Room Anesthesia Information Solution (Taiwan)

Endoscopy in the Tri-Service General Hospital Songshan Branch (Taiwan)

Fertility & Reproductive Genetic Center at the Chang Geng Medical Foundation (Taiwan)

POCm-W22C/W24C-RPL

The POCm series is a mobile point-of-care terminal specially designed for hospital nurses and medical professionals. With three hot-swappable batteries, the POCm terminals can be flexibly deployed for a wide range of mobile applications such as mobile nursing care and telehealth.

TAIWAN EXCELLENCE 2020

DESIGN AWARD 2019

RFID Reader

Configurable DC Output

Hot-Swappable Battery

Multi-Touch

Fanless Design

IP65

Intel® Core™ i5/i7 Processor

13th Generation Intel® Core™ i5 / i7 processors (code name: Raptor Lake-P)

IP65 Anti-bacteria Housing

Anti-bacteria housing with IP65 front panel.

DDR5 Memory

Supports two 4800MT/s dual-channel DDR5 SO-DIMM slots.

Larger Battery Capacity

The same compact design with increased battery capacity. Compared to the previous generation, the battery capacity is 1.2x larger, and the charging speed is faster, saving up to 12% of charging time.

Smart Charging

Each battery slot has maximum 6A charging current to meet Quick Charge according to system power consumption and temperature situation.

Docking Station (optional)

POCm-DOCKING-6BAY-R10 is a battery docking station with fast charging which takes only 3.5 hours to charge from 0 to 100%. Built-in power supply eliminates the cable mess.

3Hot-Swappable Batteries

Hot Swappable Battery

- 9000mAh capacity with a battery lifespan of 1000 cycles.

6-Bay Charging Station

- Fast charging takes only 3.5 hours from 0% to 100%.

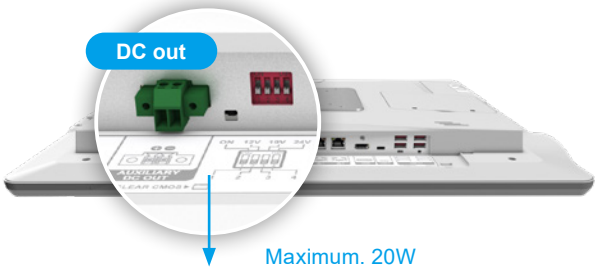
8MP Front Camera

Lightweight & Efficient Heatsink

Optimized design reduces weight and ensures better thermal transmission for improved cooling

10-Point PCAP Touch Screen

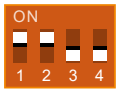
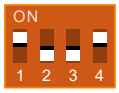
Configurable DC Output



Barcode reader 

Card reader 

Mobile thermal printer 

Switch Setting	1	2	3	4
24V 	On	On	Off	Off
19V 	On	Off	On	Off
12V 	On	Off	Off	On

Note:

- Please ensure the user powers on the device and verifies the voltage output is correct (using a voltmeter or app) before connecting the device.

Applications

MPOCm-W24

The MPOCm-W24 is a medical monitor with 3 hot-swappable batteries, and it can perfectly fit with thin client box PC. It is ideal for improving caregivers' working efficiency and mobility.

Fanless Design

IP65

Multi-Touch

Hot-Swappable Battery

FHD Medical Monitor

Configurable DC Outputs

Fanless Design

Fanless design known as passive cooling technology not only reduces noise but also prevents the accumulation of debris causing blocked vents, potentially damaging electrical components.

Intuitive Battery Status Indicators

4 stages of discharge on-show at all times. Only a simple glance needed to confirm battery levels.

26% - 100%

11% - 25%

0% - 10%

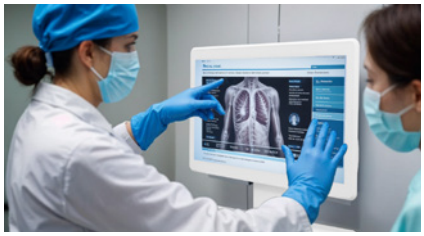
battery wear

FHD Medical Monitor

Medical monitor with Full HD (FHD) 1080p image resolution (1920x1080 pixels) to increase work conveniences for medical professionals.

10-Point PCAP Touch

10-point touch screen with surface scratch resistance supports control with multiple layers of surgical gloves.



Embedded Wireless Antenns

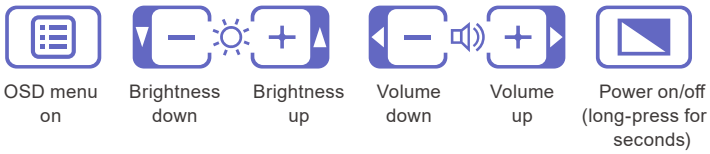
The Wi-Fi/Bluetooth connectivity still works well when the Panel PCs are mounted or stored in a medical cart.

IP65-Rated for Superior Disinfectant-Tolerant

The MPOCm-W24, featuring a drip-proof enclosure, IP65 front panel, and 7H surface hardness, is designed to endure frequent cleaning and disinfection with alcohol or diluted bleach, ensuring reliable operation and exceptional patient care.

True Flat OSD Hot Key

To adjust the brightness audio, and contrast, simply press a function button and the menus pop-up on the touch screen.



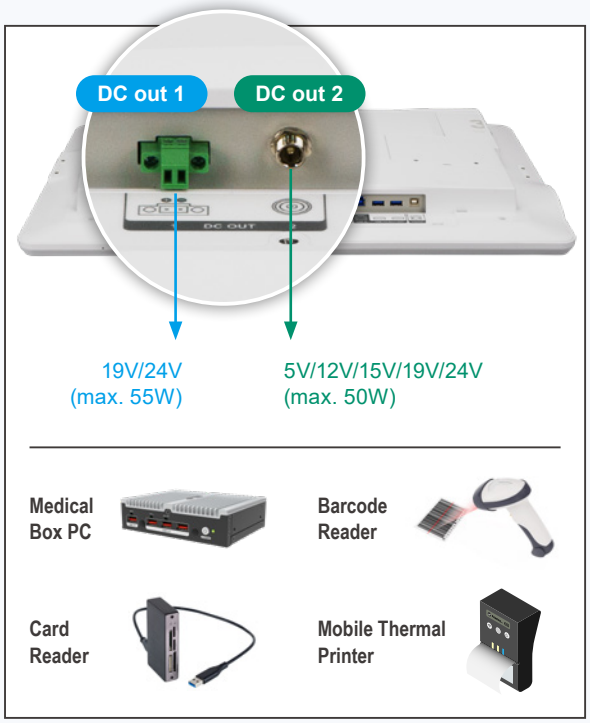
OSD menu on | Brightness down | Brightness up | Volume down | Volume up | Power on/off (long-press for 2 seconds)

Three Hot-Swappable Batteries for Easy Maintenance

- Large 9000mAh / 97.2Wh high-capacity lithium-ion battery packs.
- You can add or replace batteries without turning off the monitor system or disrupting its operation, reducing downtime.

105W Dual DC Outputs for Computer and Peripherals

With multiple power outputs, the MPOCm-W24 not only supports charging the computers but also supplies power to peripherals when mounted on a rolling cart. It can provide up to 105 watts of power to two devices simultaneously.



Power Condition	Maximum Power Provision for DC Out1 + DC Out 2
1 x TC-202GA Battery Pack Installed	19.98 Watt
2 x TC-202GA Battery Packs Installed	60.53 Watt
3 x TC-202GA Battery Packs Installed	105 Watt
Power Adapter without Battery Packs	105 Watt

Switch Setting	1	2	3	4	5
24V	On	Off	Off	Off	Off
19V	Off	On	Off	Off	Off

Note:

- Please ensure the user powers on the device and verifies the voltage output is correct (using a voltmeter or app) before connecting the device.
- Warning! Please ensure the user sets the power switch exactly as described in the instructions. Incorrect settings may result in an abnormal voltage of 31.5V.
- If a power output short circuit occurs, the system will enter protection mode. After the short circuit condition is resolved, the user needs to restart the device for the DC output to resume power supply.

Switch Setting	1	2	3	4	5
24V	On	Off	Off	Off	Off
19V	Off	On	Off	Off	Off
15V	Off	Off	On	Off	Off
12V	Off	Off	Off	On	Off
5V	Off	Off	Off	Off	On

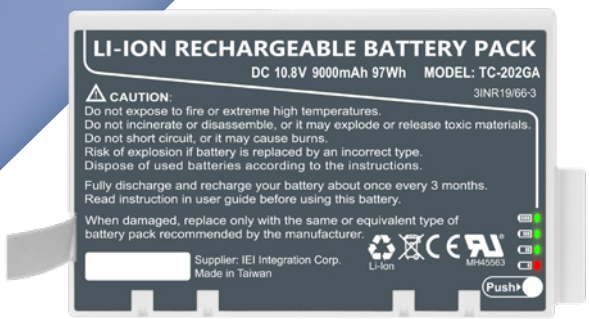
TC-202GA

TC-202GA is a 9000mAh hot-swappable battery that allow uninterrupted operation by enabling battery replacement without shutting down the device, It also features a dedicated management app, ensuring a continuous power supply and increased efficiency.

Highly Durable

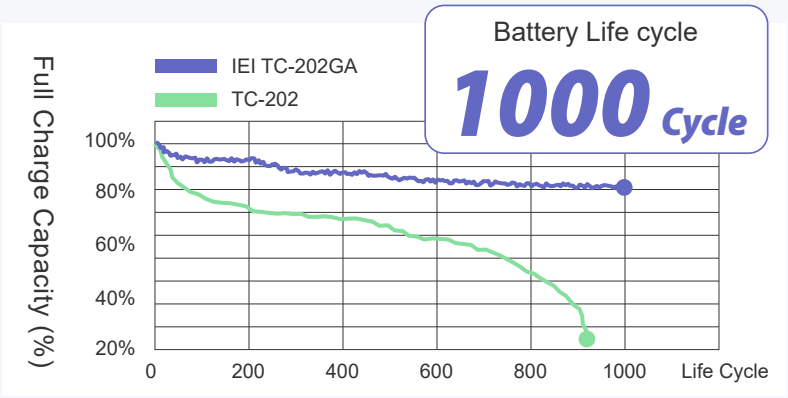
High Capacity

Shipping Mode



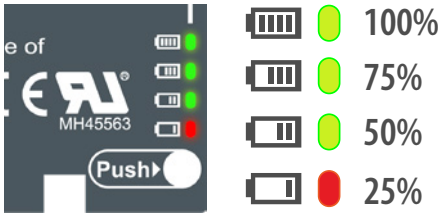
Extended Battery Life

The latest battery features next-generation cells and an innovative discharge mechanism, reducing power decline and doubling the life cycle.



Battery Status Indicators

Real-time battery capacity monitoring aids in timely recharging or replacement, improving overall maintenance.



Monitoring Management

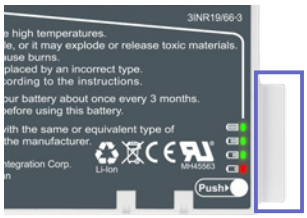
With SNMP remote management, users can monitor key parameters in real-time for continuous operation, while USB local monitoring simplifies on-site management.

IEI Battery Monitoring App (Host)

IEI Battery Monitoring App (Client)

Error-Proofing Design

Prevents incorrect charger insertion, which could result in no power. The battery cannot be inserted into the stand on the wrong side.



POCm-DOCKING-6BAY

The POCm-DOCKING-6BAY is a 6-bay stackable charging station designed for efficient power management in medical environments. It features a built-in power supply, a smart thermal fan, and a versatile installation design.

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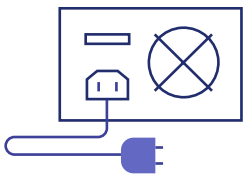
LED Indicator

Fast Charge

Stackable Design

Built-in Power Supply

Provides reliable and efficient power delivery with a 300W built-in power supply for various applications.

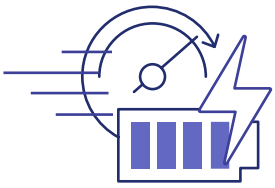


Complete Indicator

Different LED colors and flashing patterns indicate battery status, simplifying management and maintenance.

Charging at the Same Time

Charging 6 batteries from 0% to 100% requires less than 3.5 hours



High Durability

The durable curved metal casing simplifies maintenance.

Side Slide-In Removal

Enables convenient battery insertion and removal through a side slide-in design while preventing dust accumulation.

Stackable Housing

Allows efficient space utilization with a stackable housing design for organized and scalable deployment.

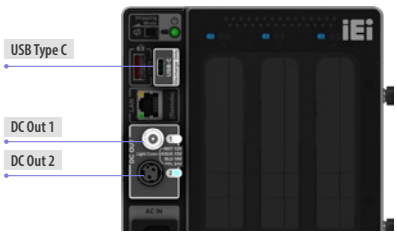
AXON-mPOWER

The AXON-mPOWER is a medical-grade power solution ensuring smooth, secure operation. With three hot-swappable 9000mAh batteries, it supports continuous UPS and Power Bank modes for portable diagnostic tools.

- Online DC UPS Mode
- Power Bank Mode
- Medical-Grade Certification
- Hot-Swappable Battery System
- Remote UPS Management

Configurable DC Output

With universal compatibility, it supports USB Type-C and DC Out 1& 2 connections, providing power for essential equipment simultaneously.



Customize DC Voltage

The option to set the DC output to 12V, 15V, 19V, or 24V, ensuring protection for a variety of devices.

LED Indicators

Easily confirm the working state through color-coded indicators for DC voltage, battery, power, and internet, each represented by specific light colors.

Various Mounting Module

The VESA 100 compatibility design allows it to be mounted on a wall, a medical trolley, or used as a desktop unit.

Shipping Mode

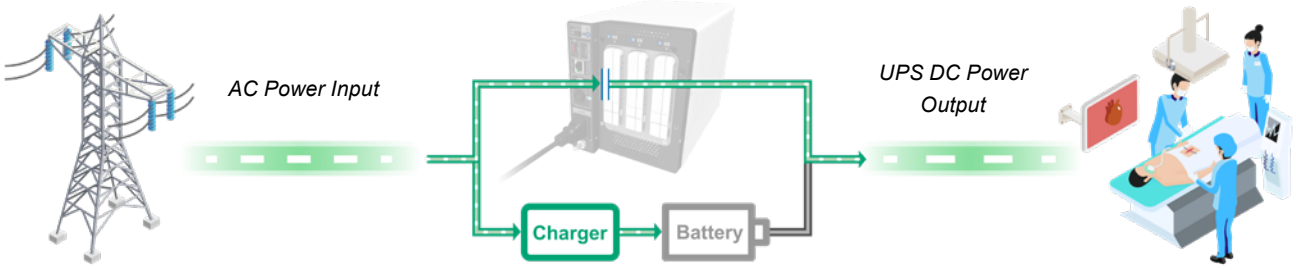
Shipping Mode prevents battery power loss and over-discharging during transportation, ensuring the battery stays in optimal condition.

Hot Swappable Battery

9000mAh capacity with a battery lifespan of 1000 cycles.

Power Supply Workflow

● Normal Operation:

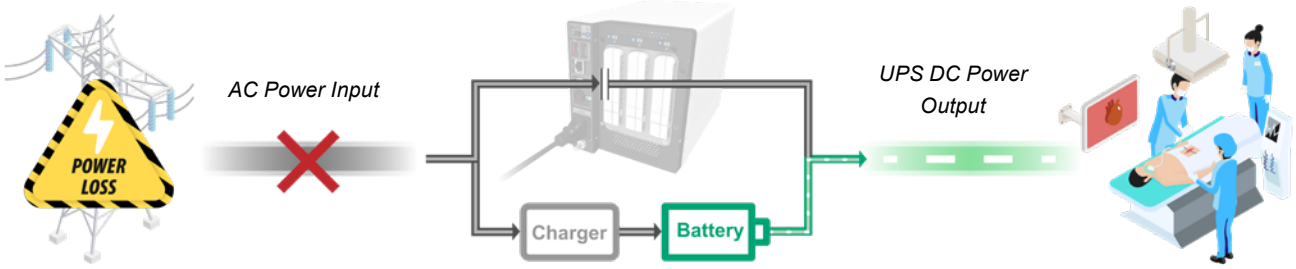


Power Generation

AXON-mPOWER Online DC UPS System

Critical Medical Equipment

● Power Outage:



Power Generation

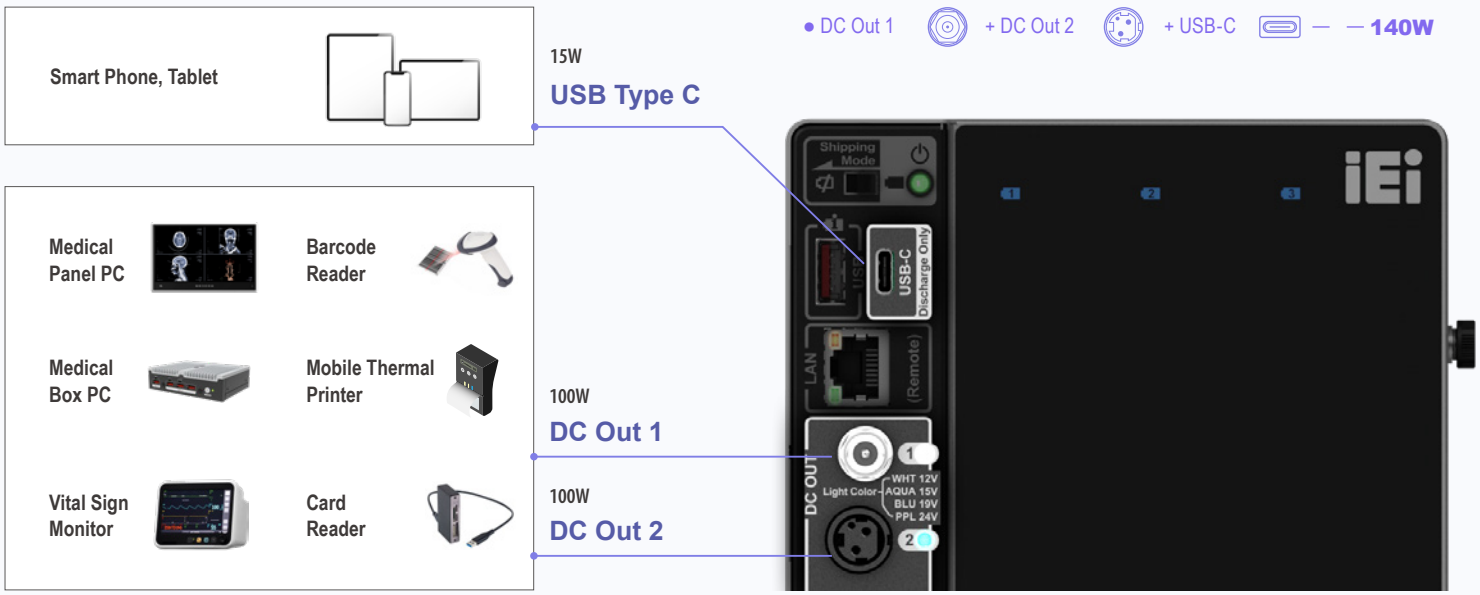
AXON-mPOWER Online DC UPS System

Critical Medical Equipment

Dual DC Power Output: Effortlessly Power Multiple Devices

Maximum Port Output

● USB-C			15W
● DC Out 1			100W
● DC Out 2			100W
● DC Out 1	+ DC Out 2		125W
● DC Out 1	+ DC Out 2	+ USB-C	140W

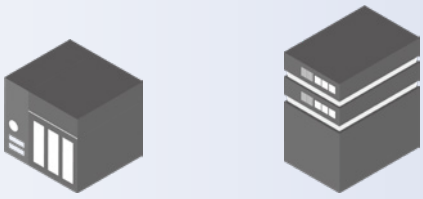


Medical Data and Imaging Integration Architecture

Applications

Hospital Server

HIS, PACS, NIS, LIS



Data Analysis

Data Acquisition

Vital sign (non-medical image data) / DICOM (Medical image data)

Specifications

NEW

Model		HTB-300-MTL-H
Processor	Processor	Intel® Core™ Ultra5-125H/ Ultra7-155H processor (Meteor Lake-H)
LAN	LAN Controller	Intel® I226-V
System	Storage	2 x M.2 2280 M key (PCIe) with RAID
	RAM	2 x 262-pin 5600MT/s dual-channel DDR5 SO-DIMM slots (system max. 64GB)
Expansion	Expansion	2 x M.2 2280 PCIe Gen4 x4 M key slot for SSD 1 x M.2 2230 A-E Key Slot (PCIe + USB) 1 x MXM 3.1 Type A/ B PCIe Gen5 x8 1 x PCIe Gen4 x4
Audio	Audio	1 x Combo audio-out/mic-in
Speaker	Speaker	1 x 3W speaker
Wireless	Wi-Fi	IEEE 802.11 be, Intel® Wi-Fi 7 BE200 (optional)
	Bluetooth	Bluetooth V5.4 (optional)
I/O	Front I/O	2 x USB 2.0 1 x HDMI 2.1 output 1 x USB Type-C (DP1.2 + USB 5V/3A)
	Rear I/O	1 x DC IN Jack 1 x Terminal Block (DC IN) 2 x 2.5 GbE LAN 4 x USB 3.2 Gen 2 (10Gb/s) 4 x RS232
Button	Button	1 x System power on/ off button (with power LED)
Physical	Color	White
	Thermal	Fanless
	Chassis Construction	NCT(N); SECC
	Construction Material	Aluminum
	Mounting	Wall, Stand and Arm; VESA 75/100 compliant; Din Rail mount
	Weight (Net) (kg)	2.05
	Weight (Gross) (kg)	4.26
	Dimensions (LxWxH) (mm)	232 X 202 X 43.5 mm
Power	Input	9~28 VDC
	Power Adapter	19VDC, 120W medical power adapter
Environment	Operating Temperature	0°C – 40°C
	Storage Temperature	-20°C – 60°C
	Humidity	10% – 95% (non-condensing)
	Vibration	1G
	Operating shock	5G peak acceleration (11ms duration)
	Non-operating shock	15G peak acceleration (11ms duration)
Operating System	Supported OS	Windows 11; Linux Ubuntu
Certification	EMC & Safety	CE, FCC Class B Part18 UL 60601-1 IEC/EN 60601-1: 2005+AMD1:2012 (Edition 3.2) IEC/EN 60601-1-2 (Edition 4.1)

NEW

NEW

Model		HTB-230D-R680E	HTB-230-R680E
Display	Display Size	10.1"	-
	Resolution	1920 x 1200	
	Brightness (cd/m²)	400	
	Contrast Ratio	900:1	
	LCD Color	16.7M (8bit)	
	Pixel Pitch (mm)	0.03764 x 0.11292	
	Viewing Angle (H/V)	160°/160°	
Touch	Touchscreen	Projected capacitive type with 10-point multi-touch	-
	Touch Controller	ILI	
	Surface Hardness	6H	
Processor	Processor	13th Gen Intel® Core™ i9-13900 / 13th Gen Intel® Core™ i7-13700 / 13th Gen Intel® Core™ i5-13500	
	Chipset	Intel® R680E	
	GPU	Compatible with NVIDIA Quadro RTX Ampere series GPUs	
LAN	LAN Controller	Intel® I226-V	
System	Storage	M.2 2280 PCIe Gen4 x4 NVMe SSD	
	RAM	4 x 288-pin dual-channel DDR5 U-DIMM (up to 4400MHz), ECC and non-ECC unbuffered memory (up to 128GB total)	
Expansion	Expansion	1 x PCIe Gen4 x16 slot for GPU (supports full-height cards up to 111.15 mm (4.4 inches), full-length cards up to 312 mm (12.28 inches), and up to triple-slot widths, with a maximum TDP of 300W) 2 x PCIe Gen4 x4 slots for add-on cards 1 x M.2 2280 PCIe Gen4 x4 M-key slot for SSD	
Speaker	Speaker	2 x 3W speaker	
Security	Security	Trusted Platform Module 2.0	
I/O	Front I/O	2 x USB 3.2 Gen 2 (10Gb/s)	
	Rear I/O	1 x HDMI output 1 x AC IN 1 x Speaker	1 x Microphone 2 x 2.5 GbE LAN 4 x USB 3.2 Gen 2 (10Gb/s)
Button	Button	1 x Power supply swich 1 x System power button (with power LED)	
LED Indicator	LED Indicator	Power LED	
Physical	Color	White	
	Thermal	Smart fan	
	Chassis Construction	NCT(N); SECC	
	Weight (Net) (kg)	7.68	
	Weight (Gross) (kg)	10.69	
	Dimensions (LxWxH) (mm)	310 x 206 x 390	
Power	Input	100V AC – 240V AC medical grade ATX power	
	Output	700W medical build in power supply	
Environment	Operating Temperature	0°C – 40°C	
	Storage Temperature	-20°C – 65°C	
	Humidity	10% – 95% (non-condensing)	
	Vibration	1G	
	Operating Shock	5G peak acceleration (11ms duration)	
	Non-operating Shock	15G peak acceleration (11ms duration)	
Operating System	Supported OS	Windows 11; Linux ubuntu	
Certification	EMC & Safety	CE, FCC Class B Part18, UL 60601-1, IEC/EN 60601-1(eddition 3.2), IEC/EN 60601-1-2 (eddition 4.1)	

TAIWAN EXCELLENCE 2023

DESIGN AWARD 2022

Model		HTB-210-Q470
Motherboard	CPU	Intel® Core™ i5-10500TE (6-core, 35W TDP) Intel® Core™ i7-10700TE (8-core, 35W TDP)
	Chipset	Intel® Q470
	System Memory	2 x 260-pin 2666/2133MHz dual-channel DDR4 SO-DIMM ECC & non-ECC unbuffered (system max. 128GB)
Storage	Hard Drive	1 x 2.5” SATA HDD/SSD bay
I/O Interfaces	USB	1 x USB Type-C (5Gbps, w/o ALT mode) 2 x USB 3.2 Gen 1 (5Gb/s) 2 x USB 2.0 (front side)
	Ethernet	2 x Intel® I225-V PCIe controller (2.5GbE)
	COM Port	1 x RS-232/422/485
	Display	1 x HDMI
	Resolution	HDMI: up to 4096 x 2304 @30Hz
	Others	1 x Power button 1 x AT/ATX switch
Expansions	PCIe	1 x PCIe Gen3 x4 slot 1 x PCIe Gen3 x16 slot
	M.2	1 x M.2 2230 A key (PCIe x2 and USB 2.0) 1 x M.2 2280 M key (PCIe x4 and SATA)
Power	Power Input	19V DC
	Power Consumption	19V @4.8A
	Power Adapter	100V – 240V AC input, 19V DC output, 180W
Chassis	Color	White
	Dimension (LxWxH)	140 x 306.7 x 171 mm
	Thermal	Smart fan
	Chassis Construction	Metal housing (SECC)
Reliability	Operating Temperature	0°C – 40°C
	Operating Humidity	10% – 95% (non-condensing)
	Storage Temperature	-20°C – 60°C
	Operating Shock	Half-sine wave shock 5G, 11ms, 100 shocks per axis
	Operation Vibration	MIL-STD-810G 514.6C-1 (with SSD)
	Weight (Net)	2.8 kg
Certification	Safety / EMC	UL/ cUL FCC Part 15B EN 62368-1 Ed.2 + RMF EN 55032 + EN 55035
OS	Supported OS	Windows 11, Windows 10, Linux

Model		HTB-150-N6210
Processor	Processor	Intel® Celeron® Processor N6210
LAN	LAN Controller	Intel® I225-V
System	Storage	On-board eMMC 32GB
	RAM	On-board LPDDR4x 8GB
Expansion	Expansion	1 x M.2 2230 A key slot (PCIe + USB) 1 x M.2 2280 M key slot (PCIe)
Wireless	Wi-Fi	Intel® Wi-Fi 6E AX210, IEEE 802.11a/b/g/n/ac/ax, MIMO 2x2 (optional)
	Bluetooth	Bluetooth® 5.3 (optional)
I/O	Front I/O	1 x Power on/off switch (with power LED) 1 x Reset button 1 x Clear CMOS 1 x AT/ATX switch 4 x USB 3.2 Gen 2 (Type A)
	Rear I/O	1 x 12V DC jack 1 x RS-232 1 x HDMI out 2 x GbE LAN
LED Indicator	LED Indicator	Power LED
Physical	Thermal	Fanless
	Construction Material	Extruded aluminum alloys
	Mounting	VESA 75 x 75 mm
	Weight (Net) (kg)	0.688
	Weight (Gross) (kg)	1.84
	Dimensions (LxWxH) (mm)	137 x 102.8 x 36
Power	Power Adapter	65W medical grade power adapter
Environment	Operating Temperature	0°C – 40°C
	Storage Temperature	-20°C – 60°C
	Humidity	10% – 95% (non-condensing)
	Vibration	1G
	Operating Shock	5G peak acceleration (11ms duration)
	Non-operating Shock	15G peak acceleration (11ms duration)
Operating System	Supported OS	Windows 10; Windows 11; Linux Ubuntu
Certification	EMC & Safety	CE, FCC Class B Part18, UL 60601-1, IEC/EN 60601-1, IEC/EN 60601-1-2

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Model		EndoCap-3588
Display	Display Size	8"
	Resolution	1200 x 1920
	Brightness (cd/m²)	460
	Contrast Ratio	900:1
	LCD Color	16.7M (RGB 8-bits)
	Pixel Pitch (mm)	0.0897 x 0.0897
	Viewing Angle (H/V)	170°/170°
	Backlight MTBF (hrs)	30,000
Touch	Touchscreen	Projected capacitive type with 10-point multi-touch
	Touch Controller	ILI 2520
Processor	Processor	Rockchip RK3588 (Quad core Cortex-A76 + Quad-core Cortex-A55)
	GPU	ARM Mali-G610 MP4
	NPU	6TOPS NPU, triple core, support int4/int8/int16/FP16/BF16/TF32 acceleration
RAM	RAM	On-board 8GB LPDDR4x
Flash	Flash	On-board 32GB of eMMC NAND Flash
Recording and Capture	Encoding formats	H.264, H.265
	Recording file format	MP4
	Capture image format	BMP / BMP+DCM / JPEG
	Audio encoding format	AAC-LC
Expansion	Expansion	1 x M.2 2280 M key slot
Audio	Audio	1 x Line-out jack
Speaker	Speaker	2 x 3W speaker
Microphone	Microphone	1 x Mic-in
HDMI	HDMI	1 x HDMI-input up to 4K@60FPS / 1 x HDMI-output up to 4K@60FPS / 1 x HDMI-output up to 8K@60FPS
Wireless	Wi-Fi	Wi-Fi 6
	Bluetooth	Bluetooth v5.0
I/O	Front I/O	2 x USB 3.0 1 x Line out 1 x Mic in Power button
	Rear I/O	1 x HDMI-output up to 8K@60Hz 1 x HDMI-output up to 4K@60Hz 1 x HDMI-input up to 4K@60FPS 2x GPIO for Pedal 1 x GbE LAN 1 x 2.5GbE LAN 4 x USB 2.0 1x DC IN
Button	Button	1 x Power on/off (with power LED)
LED Indicator	LED Indicator	1 x Power LED / 1 x Capture status
Physical	Color	White; Black
	Thermal	Fanless
	Weight (Net) (kg)	1.88
	Weight (Gross) (kg)	4.89
	Dimensions (LxWxH) (mm)	205.4 x 168.34 x 162.65
Power	Input	12V DC
	Power Adapter	65W power adapter
Environment	Operating Temperature	0°C – 40°C
	Storage Temperature	-20°C – 65°C
	Humidity	10% – 95% (non-condensing)
	Vibration	1G
	Operating shock	5G peak acceleration (11ms duration)
	Non-operating shock	15G peak acceleration (11ms duration)
Operating System	Supported OS	Debian 11 (Linux kernel 5.10)
Certification	EMC & Safety	CE, FCC Class A Part18

NEW

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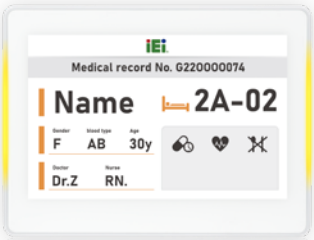
Model		IASO-W07A-N6210	IASO-W08PLED-N6210
LCD Specifications	LCD Size	7"	8"
	Resolution (W/H)	1024 x 600	1280 x 800
	Brightness (cd/m²)	450	350
	Contrast Ratio	800:1	800:1
	LCD Color	-	16.7M
	Pixel Pitch	-	0.13455 x 0.13455
	Viewing Angle (H/V)	170˚/170˚	170˚/170˚
	Backlight MTBF (hrs)	20,000	15,000
Touch	Touchscreen	PCAP	P-CAP with multi-touch
	Touch Controller	EETI	ILI
	Surface Hardness	-	6H
System	CPU Support	Intel® Celeron® Processor N6210	Intel® Celeron® N6210 (code name: Elkhart Lake, 1.2GHz, dual core, TDP 6.5W)
	LAN Controller	Intel® I225-V	Intel® I226-V
	RAM	On-board LPDDR4x 8G	On-board LPDDR4x 8GB
	Storage	32GB on-board eMMC	On-board eMMC 128GB
	Audio & Speaker	1 x AMP 1.5W speaker	1 x Audio line-out jack 1 x 1.5W speaker
	Camera & Microphone	1 x Digital microphone	-
	I/O Port	1 x 12V DC jack 1 x HDMI out 1 x Reset switch 1 x Clear CMOS switch 1 x AT/ATX switch 2 x GbE LAN 6 x USB 3.2 Gen 1 (Type A)	1 x 12V DC jack 1 x GbE LAN 1 x Power button 1 x Reset 1 x Clear COMS 1 x AT/ATX switch 2 x USB 3.2 Gen1 (Type A)
	LED	Power LED	Programmable RGB LED light bars on both sides
Wireless	Wi-Fi	IEEE 802.11 a/b/g/n/ac/ax, Intel® Wi-Fi 6 AX200	Intel® Wi-Fi 6E AX210, IEEE 802.11a/b/g/n/ac/ax, MIMO 2x2 (optional)
	Bluetooth	Bluetooth V5.0	Bluetooth® 5.3 (optional)
Physical	Color	-	White
	Construction Material	Front: PC Rear cover: PC/ABS plastic	Front: PC; Rear cover: ABS+PC
	Mounting	VESA 75 x 75 mm	VESA 75 x 75 mm
	Weight (Net / Gross)	0.72 kg / 1.65 kg	1
	Dimensions (LxWxH)	190.9 x 127.3 x 43.4 mm	250.1 x 152.1 x 39.7
Environment	Operating Temperature	0°C – 40°C	
	Storage Temperature	-20°C – 60°C	
	Humidity	10% – 95% (non-condensing)	
	Vibration	1G	
	Operating shock	5G peak acceleration (11ms duration)	
	Non-operating shock	15G peak acceleration (11ms duration)	
	Thermal	Fanless	
Operating System	Supported OS	Windows 10; Windows 11; Linux Ubuntu	Windows 11; Linux ubuntu
Power	Power Input	-	12V
	Power Adapter	65W medical grade power adapter	36W
	PoE	-	IEEE 802.3at (Class 4) 25.5W
Expansion	Expansion	1 x M.2 2230 A key slot (PCIe + USB) 1 x M.2 2280 M key slot (SATA)	1 x M.2 2230 A Key Slot (PCIe + USB) 1 x M.2 2242 M Key Slot (default SATA; PCIe)
Certification	EMC & Safety	CE, FCC Class B Part18 IEC 60601-1: 2005+AMD2:2021 (Edition 3.2) IEC 60601-1-2: 2014 (Edition 4.0)	CE, IEC 62368-1, FCC Part 15 Class B



Model		IASO-W10B-N6210	IASO-W10B-IMX8M
LCD Specifications	LCD Size	10.1"	
	Resolution (W/H)	1280 x 800	
	Brightness (cd/m²)	400	
	Contrast Ratio	800:1	
	LCD Color	16.7M (RGB 6-bit + Hi-FRC)	
	Pixel Pitch	0.1695 x 0.1695 mm	
	Viewing Angle (H/V)	178˚/178˚	
	Backlight MTBF (hrs)	30,000 (LED backlight)	
Touch	Touchscreen	Projected capacitive type with 10-point multi-touch and optical bonding	
	Touch Controller	EETI	
	Surface Hardness	6H	
System	CPU Support	Intel® Celeron® N6210 (Elkhart Lake, 6.5W TDP)	NXP i.MX 8M Mini (Quad-core Cortex-A53 up to 1.8 GHz)
	LAN Controller	Intel® I225-V	Motorcomm YT8521
	RAM	1 x DDR4 SO-DIMM	On-board 4GB LPDDR4x, up to 8GB
	Storage	1 x M.2 2242 M key slot (PCIe/SATA signal)	1 x microSD slot
	Audio	AMP 1W	AMP 0.5W
	Camera & Microphone	1 x Digital microphone	
	I/O Port	1 x HDMI output 1 x Reset button 1 x Power button 1 x 12V DC jack 1 x AT/ATX switch 1 x Clear CMOS 1 x RS-232 1 x Audio jack (TRRS) 1 x GbE supporting PoE (ErP is not supported in PoE mode) 2 x USB 3.2 Gen 1 (5Gb/s)	1 x Reset button 1 x Power button 1 x 12V DC jack 1 x RS-232 1 x Audio jack (TRRS) 1 x GbE LAN optional supporting PoE 2 x USB 2.0 Type A
	LED	2 x LED light bar (each light bar has 10 programmable RGB LED with IEC62471 certification)	2 x LED light bar
Wireless	Wi-Fi	Intel® Wi-Fi 6E AX210, IEEE 802.11a/b/g/n/ac/ax, MIMO 2x2	WiFi 802.11 a/b/g/n/ac/ax
	Bluetooth	Bluetooth® 5.3	Bluetooth V5.0
Physical	Construction Material	Front: PC; Rear cover: PC/ABS plastic	
	Mounting	Wall, Stand and Arm; VESA 75 x 75 mm	
	Weight (Net / Gross)	1.49 kg / 2.86 kg	
	Dimensions (LxWxH)	261 x 196.4 x 40 mm	
Environment	Operating Temperature	0°C – 40°C	
	Storage Temperature	-20°C – 60°C	
	Humidity	10% – 95% (non-condensing)	
	Vibration	1G	
	Operating shock	5G peak acceleration (11ms duration)	
	Non-operating shock	15G peak acceleration (11ms duration)	
	IP Level	Front: IP65	
	Thermal	Fanless	
Operating System	Supported OS	Windows 10; Windows 11; Linux Ubuntu	Android 12
Power	Power Input	12V DC input	
	Power Adapter	65W medical grade power adapter	
	PoE	Class 4 (IEEE802.3 at) PD device w/o loading taken on I/O Class 5 (IEEE802.3 bt) PD device w/ full loading taken on I/O	
Certification	EMC & Safety	CE, TUV CB, ICES-001, FCC Part 18 Class B UL 60601-1, IEC/EN 60601-1, IEC/EN 60601-1-2	CE,FCC Class B Part 15B, EN 55032 2015+A11:2020, EN 55035 2017+A11:2020 EN / IEC 62368-1

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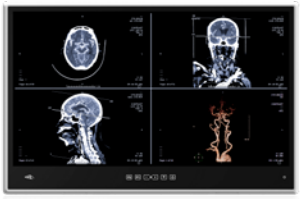

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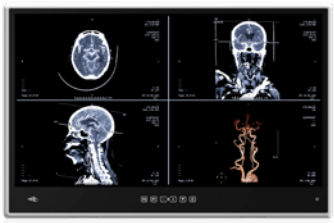

Model		POCi-W22C-RPL	POCi-W24C-RPL
Display	Display Size	21.5" (16:9)	23.8" (16:9)
	Resolution	1920 x 1080	
	Brightness (cd/m²)	350	
	Contrast Ratio	1000:1	
	LCD Color	16.7M (RGB 8-bit)	
	Pixel Pitch	0.24795 (H) x 0.24795 (V) mm	0.2745 (H) x 0.2745 (V) mm
	Viewing Angle (H/V)	178˚ / 178˚	
	Backlight MTBF (hrs)	50,000 (LED backlight)	30,000 (LED backlight)
Touch	Touchscreen	Projected capacitive type with 10-point multi-touch	
	Touch Controller	EETI	
	Surface Hardness	6H	
	Coating	Chemical etching AG	
Processor	Processor	13th Gen Intel® Core™ i5-1340PE/ i7-1370PE (Raptor Lake-P)	
LAN	LAN Controller	2 x Intel® I226 Ethernet Controller	
	Storage	2 x M.2 2280 M key (PCIe/ SATA) with RAID	
	RAM	2 x 262-pin 4800MT/s dual-channel DDR5 SO-DIMM slots (system max. 64GB)	
Expansion	Expansion	1 x PCIe x4 slot, 1 x M.2 2230 A-E key (PCIe+USB), 2 x M.2 2280 M key (PCIe/ SATA) with RAID	
Audio	Speaker	2 x 2W speaker	
	Microphone	1 x Digital microphone	
Wireless	Wi-Fi	IEEE 802.11ax 2T2R module (Wi-Fi 6E) (M.2 2230 A-E key)	
	Bluetooth	Bluetooth V5.3	
I/O	I/O	**Bottom** 1 x AC jack 1 x HDMI output 1 x USB Type-C (DP + USB 5V/3A) 1 x Combo audio-out/mic-in 2 x RS-232 2 x 2.5GbE LAN port 4 x USB 3.2 Gen 2 (10Gb/s) port	**Side** 2 x USB 2.0 port
Button	Button	1 x Power on/off	
On-Screen Display (OSD)	On-Screen Display (OSD)	1 x Power on/off 1 x Reading light on/off 1 x Brightness up	1 x Brightness down 1 x LCD & touch lock on/off 1 x DICOM mode app on/off (optional)
Physical	Thermal	Fanless	
	Construction Material	Front bezel: Aluminum, Rear cover: ABS+PC plastic	
	Mounting	Wall, Stand and Arm; VESA 75/100 compliant	
	Weight (Net) (kg)	6.9 kg	8.1 kg
	Dimensions (LxWxH)	507.5 x 335.5 x 64.5 mm	567 x 370.6 x 63.9 mm
Power	Input	85V – 264V AC input	
	Power Adapter	150W medical power adapter (optional)	
	Built-in Power Supply	150W, 85V – 264V AC, medical power supply	
Environment	Operating Temperature	0°C – 40°C	
	Storage Temperature	-20°C – 60°C	
	Humidity	10% – 95% (non-condensing)	
	Vibration	1G	
	Operating shock	5G peak acceleration (11ms duration)	
	Non-operating shock	10G peak acceleration (11ms duration)	
	IP Level	Front: IP66	
Operating System	Supported OS	Windows 11; Linux Ubuntu	
Certification	EMC & Safety	CE, FCC Class B Part18 IEC 60601-1: 2005+AMD1:2012 (Edition 3.1) IEC 60601-1-2: 2014 (Edition 4.0)	

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Model		POCm-W22C-RPL	POCm-W24C-RPL
LCD Specifications	LCD Size	21.5" (16:9)	23.8" (16:9)
	Max. Resolution (W/H)	1920 x 1080	
	Brightness (cd/m²)	350	
	Contrast Ratio	1000:1	
	LCD Color	16.7M (RGB 8-bit)	
	Pixel Pitch (H/V)	0.24795 (H) x 0.24795 (V) mm	0.2745 (H) x 0.2745 (V) mm
	Viewing Angle (H/V)	178°/178°	
	Backlight MTBF (hrs)	50,000 (LED backlight)	30,000 (LED backlight)
Touch	Touchscreen	Projected capacitive type with 10-point multi-touch	
	Touch Controller	EETI	
	Surface Hardness	6H	
System	CPU Support	13th Gen Intel® Core™ i5-1340PE / i7-1370PE (Raptor Lake-P)	
	LAN Controller	2 x Intel® I225 Ethernet Controller	
	RAM	2 x 262-pin 4800MT/s dual-channel DDR5 SO-DIMM slots (system max. 64GB)	
	Storage	1 x 2.5" accessible SATA HDD bay / 2 x M.2 2280 M key (PCIe) with RAID	
	Audio	2 x 2W speaker	
	Microphone	1 x Digital microphone	
	Camera	8-megapixel CMOS front-facing camera	
	I/O Port	**Bottom** 1 x DC jack 1 x Digital mic 1 x HDMI output 1 x USB Type-C (DP + USB 5V/3A) 1 x DC output(12V/19V/24V, 20-watt) 2 x 2.5GbE LAN port 1 x RS-232/422/485 port 4 x USB 3.2 Gen 2 (10Gb/s) port	**Side** 1 x Mic in 1 x Audio out 2 x USB 2.0 port
	OSD Function	1 x Power on/off 1 x Volume up 1 x Volume down	1 x Brightness up 1 x Brightness down 1 x LCD on/off and touch lock for cleaning
	Expansion	1 x PCIe Mini (PCIe) 1 x M.2 2230 A-E key (PCIe+USB)	2 x M.2 2260/80 B-M key (PCIe)
	LED	1 x RFID indicator 1 x Power indicator	3 x Battery indicator (color: blue/red)
	Wi-Fi & Bluetooth	IEEE 802.11ax 2T2R module (Wi-Fi 6E) with BT V5.3 (M.2 2230 A-E key)	
Physical	Construction Material	ABS+PC plastic (ENH2900)	
	Mounting	Wall, Stand and Arm; VESA 75/100 compliant	
	Weight (Net)	7.07 kg (without battery) 8.43 kg (with 3 batteries)	8.18 kg (without battery) 9.53 kg (with 3 batteries)
	Dimensions (LxWxH)	543 x 350 x 71 mm	594.6 x 379.6 x 71 mm
Environment	Operating Temperature	0°C – 40°C	
	Storage Temperature	-20°C – 60°C	
	Humidity	10% – 90% (non-condensing)	
	Vibration	1G	
	Shock	Operating shock: 5G peak acceleration (11ms duration) Non-operating shock: 10G peak acceleration (11ms duration)	
	IP Level	Front: IP65	
	Thermal	Fanless	
Power	Power Input	19V DC input	
	Power Adapter	150W medical power adapter	
	Battery	3 slots for Li-ion battery packs	
Certification	EMC & Safety	CE, FCC Class B Part18 EN 60601-1: 2006/A1:2013 (Edition 3.1) EN 60601-1-2: 2015 (Edition 4.0)	

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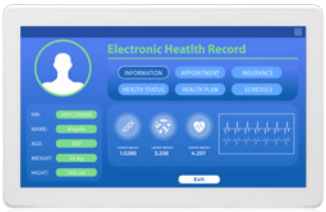
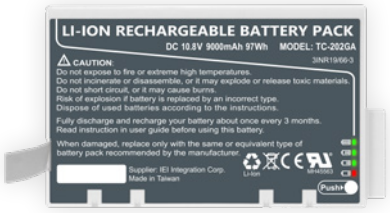


Model		MPOCm-W24/PC-R10
LCD Specifications	LCD Size	23.8"
	Max. Resolution (W/H)	1920x1080
	Brightness (cd/m²)	250
	Contrast Ratio	1000:1
	LCD Color	16.7M RGB 6-bit (Hi-FRC)
	Pixel Pitch (H/V)	0.2745 x 0.2745 mm
	Viewing Angle (H/V)	178°/178°
	Backlight MTBF (hrs)	30,000
Touch	Touchscreen	Projected capacitive type with 10-point multi-touch
	Touch Controller	EETI
System	Surface Hardness	6H
	Audio	2 x 2W speaker
	I/O Port	1 x HDMI-in 1 x DC-in jack 1 x USB 2.0 (black, Type-B) for Touch 1 x USB 3.2 Gen 1 (blue, Type-B) 2 x USB 3.2 Gen 1 (blue, Type-A) 2 x Wi-Fi SMA connector (main/aux) 2 x Variable voltage DC power output for external devices (55W in total) DC OUT1: 19V, 24V (maximum of 55 watts) DC OUT2: 5V, 12V, 15V, 19V, 24V (maximum of 50 watts) *To use battery power, at least 2 batteries must be installed and the DC outputs must work properly.
	OSD Function	1 x LCD on/off 1 x Volume up 1 x Volume down 1 x Brightness up 1 x Brightness down 1 x OSD menu key
	LED	1 x Power Indicator; 3 x Battery Indicator (color : blue/orange)
Other Features	Battery Management APP	EC UART to USB, output to the box PC
Physical	Construction Material	ABS+PC plastic with anti-bacterial material
	Mounting	Wall, Stand and Arm VESA 75/100
	Weight (Net)	8.18 kg without batteries; 9.53 kg with 3 batteries
	Dimensions (LxWxH)	594.6 x 379.6 x 63.2 mm
Environment	Operating Temperature	0°C – 40°C
	Storage Temperature	-20°C – 60°C
	Humidity	10% to 90% (non-condensing)
	Vibration	1G
	Shock	Operating shock: 5G peak acceleration (11ms duration) Non-operating shock: 10G peak acceleration (11ms duration)
	IP Level	Front: IP65
	Thermal	Fanless
Power	Power Input	19V DC input (4 pin)
	Power Adapter	150W medical power adapter Input: 100V~240V AC Output: 19V DC
Battery	Battery Pack Type	3 x 3S3P cells Lithium-ion Battery (TC-202GA)
	Battery Pack Capacity	3 x 9000 mAh (3 x 97Wh)
	Nominal Voltage	10.8 V
	Battery Life Time	500 cycles (FCC >= 70% of the minimum capacity)
	Charge Voltage	12.6 V
	Maximum Continuous Charge Current	4 A for each battery pack
	Maximum Continuous Discharge Current	5 A for each battery pack
	Discharge Cut-off Voltage	9 V
Certification	EMC & Safety	FCC Part15B EN 62368-1 Ed.2 (60601-1 Compatible) EN 55032 + EN 55035 (60601-1-2 Compatible) Battery Pack: UN38.3, IEC62133, IEC62368-1, UL2054

NEW

Model		AXON-mPOWER-R10
I/O	I/O	1 x LAN: Web-based, specification 10/100Mbps with RJ-45 connection, Cat. 5 cable 2 x DC outputs 1 x USB Type C: 5V/ 3A(Max: 15W, Discharge Only) 1 x USB Type A (HID) 1 x AC-in: C13 connector 1 x Power on/off button
		DC out 1: Selectable 12V/15V/19V/24V (Max: 100W*) CONN MALE; DC JACK 5.5*2.1; DIP; 3PIN; 90°; SHEN MING; 655-196; SPRING WASHER+NUT; PBT; RoHS **DC out 2:** Selectable 12V/15V/19V/24V (Max: 100W*) JACK; DIP; 3PIN; 90°; BLACK; JKCR; MD-09038-3; Rating: 24VDC/9A; PBT; FEMALE; CCL; RoHS * DC out 1 + DC out 2 ≤ 125W
LED Indicator	LED Indicator	1 x System Status LED 2 x DC Output LED 3 x Battery LED
Physical	Thermal	Smart Fan
	Mounting	VESA 100 x 100 mm
Battery	Battery Pack Type	3 x 3S3P cells Lithium-ion Battery
	Battery Pack Capacity	3 x 9000 mAh (3 x 97Wh)
	Normal Voltage	10.8 V
	Battery Life Time	1000 cycles (FCC ≧ 70% of the minimum capacity)
	Charge Voltage	12.6 V
	Continuous Charge Current	2 A for each battery
	Continuous Discharge Current	4 A for each battery pack
	Maximum Discharge Current	5 A for each battery pack
	Discharge Cut-off Voltage	9 V
Power	Input	100 – 240 VAC
	Built-in Power Supply	260W medical
Environment	Operating Temperature	0°C – 40°C
	Storage Temperature	-20°C – 60°C
	Humidity	10% – 95% (non-condensing)
	Vibration	1G
	Operating shock	5G peak acceleration (11ms duration)
	Non-operating shock	15G peak acceleration (11ms duration)
Certification	EMC & Safety	FCC Part15B EN 62368-1 Ed.2 (60601-1 Compatible) EN 55032 + EN 55035 (60601-1-2 Compatible) Battery Pack: UN38.3, IEC62133, IEC62368-1, UL2054



Model	TC-202GA
Battery Pack Type	3S3P cells Lithium-ion Battery
Battery Pack Capacity	9000 mAh (97Wh)
Nominal Voltage	10.8 V
Charge Voltage	12.6 V
Maximum Continuous Charge Current	4 A for each battery pack
Maximum Continuous Discharge Current	5 A for each battery pack
Discharge Cut-off Voltage	9 V
Battery Life Time	500 cycles (FCC >= 70% of the minimum capacity)
Protection	Over Charge Voltage Protection Over Discharge Voltage Protection Over Charge Current Protection Over Discharge Current Protection Short Circuit Protection Over Charge Temperature Protection Over Discharge Temperature Protection Under Charge Temperature Protection Under Discharge Temperature Protection Gas Gauge & Protection IC
LED Indicator	4 x Power Indicator (1 LED = 25%, 2 LED = 50%, 3 LED = 75%, 4 LED = 100%)
Weight (Net)	Less than 480g
Dimensions (LxWxH)	148.5 x 88.8 x 19.4 mm
Operating Temperature	0 - 40 °C
Storage Temperature	-20°C~50°C (-4 - 122 °F)
Certifications	Battery Pack: UN38.3, IEC62133, IEC62368-1, UL2054

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Model		POCm-DOCKING-6BAY-R11	
Physical	Construction Material	Metal Housing	
	Weight (Net)	0.8 kg	
	Dimensions (LxWxH)	273.8 x 122 x 301.8 mm	
Environment	Operating Temperature	(1) 0 - 40 °C, 10 - 95 % RH, non-condensing (2) Conformal coating AD board	
	Storage Temperature	-20°C~60°C (-4 - 140 °F) 5 - 95% RH non-condensing	
	Humidity	10% to 90% (non-condensing)	
	Vibration	1G	
	Shock	Operating shock: 5G peak acceleration (11ms duration) Non-operating shock: 10G peak acceleration (11ms duration)	
	Thermal	2 x Active Fan	
Power	Power Input	85V – 264V AC input	
	Power Adapter	300W built-in power supply	
LED	LED	1 x Power LED (Orange) 6 x Battery LED (Blue/ Orange)	Charging Battery: Orange Fully Charged Battery: Blue
Charging	Battery Pack Type	6 x 3S3P cells Lithium-ion Battery	
	Charge Voltage	12.6 V	
	Continuous Charge Current	2 A for each battery pack	
Certification	EMC & Safety	FCC Part15B EN 62368-1 Ed.2 (60601-1 Compatible) EN 55032 + EN 55035 (60601-1-2 Compatible)	

*Specifications are subject to change without prior notice.

Headquarters
威強電工業電腦股份有限公司 IEI Integration Corp.
No. 29, Zhongxing Rd., Xizhi Dist., New Taipei City 221, Taiwan
TEL : +886-2-86916798 / +886-2-26902098 FAX : +886-2-66160028
iei_medical@ieiworld.com www.ieiworld.com

America
IEI Technology USA Corp.
138 University Parkway, Pomona, CA 91768
TEL : +1-909-595-2819 FAX : +1-909-595-2816
sales@usa.ieiworld.com usa.ieiworld.com

China
上海威强电工业电脑有限公司 IEI Technology (SH) Co.,Ltd
上海市闵行莘庄工业区申富路515号
515, Shen Fu Rd., Xin Zhuang Industrial Develop Zone, Shanghai, 201108, China
TEL: +86-21-3116-7799 FAX:+86-21-3462-7797
sales@ieiworld.com.cn www.ieiworld.com.cn

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