

Smart Healthcare Panel PC Solution

Next Generation Healthcare Panel PCs Feature IoT and Improve the Usability

The Point-of-Care (POC) medical panel PC supports high-performance Intel® Core™ i series and Pentium® processors. IEI provides 17"/19"/21.5" big screen size for medical use, optimizing the applications as an information processing terminal. The user-friendly touchscreen gives user an easier way to process data input, making POC a perfect information terminal. IEI's medical touch panel PCs offer superior CPU performance and various peripherals to increase functionality and to suit the requirements of medical applications.



Nursing Cart

- Administering medications
- Recording patient progress



Bedside

- Entertainment and education
- Integration with HIS or EMR



Operating Room

- As a workstation for RIS, HIS, PACS etc.
- Capturing images



Other Space

- Nursing station
- Pharmacy counter
- Dialysis lab
- Examination center

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Optional Peripherals

Smart Healthcare Panel PC Product Line



Point of Care

- Bottom I/O
- High performance with smart fan



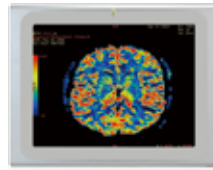
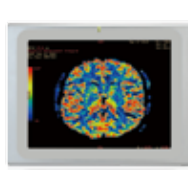
Bedside Infotainment System

- Rear I/O
- High performance with fanless

Medical Certifications



Selection Guide



		POC Series			BIS Series
Model		POC-17i	POC-19i	POC-W22-H81	BIS-W19A-ULT3
LCD Touch Specification	LCD Size (inch)	17"	19"	W21.5" (16:9)	W18.5" (16:9)
	Max. Resolution	1280 (W) x 1024 (H)		1920 (W) x 1080 (H)	1366 x 768
	Brightness (cd/m²)	350	350	250	250
	Contrast Ratio	800:1	1000:1	1000:1	1000:1
	LCD Color	16.7M	16.7M	16.7M	16.7M colors (RGB 6-bit)
	Viewing Angle (H-V)	170°/160°	170°/160°	170°/160°	170°/160°
	Touchscreen	5-wire resistive type	5-wire resistive type	Projected capacitive type with USB interface	Projected capacitive type with USB interface
System	CPU	Intel® mobile Core™ i7/i5/i3 CPU with Intel® HM55 chipset		Intel® desktop Core™ i7/i5/i3/Pentium®/Celeron® CPU with Intel® H81 chipset (Up to TDP 35W CPU)	Intel® Skylake-ULT platform, details TBD
	Chipset	Intel® HM55		Intel® H81	--
	Memory	Two 204-pin 800/1066 MHz DDR3 dual-channel SO-DIMM (system max. 8GB)		Two 204-pin 1600/1333MHz dual-channel DDR3 SDRAM, 4GB pre-installed (system max. 16GB)	Two 204-pin 1600/1333MHz DDR4 DIMMs (system max. 16GB)
	I/O Ports	1 x RS-232 by DB-9 2 x GbE LAN by RJ-45 1 x HDMI port 1 x VGA port by DB-15 1 x Power switch	1 x RS-232 or RS-422/485 by DB-9 4 x USB connector 1 x Audio jack (line-out) 1 x Reset button 1 x Power jack	1 x RS-232/422/485 2 x GbE LAN by RJ-45 (1 for iRIS) 1 x Power button 1 x VGA output 1 x HDMI output 1 x 9V~28V DC Jack 2 x USB 3.0 4 x USB 2.0 (2 on bottom and 2 on side) 1 x RJ-11 for barcode module	Rear 1 x DC Jack 1 x 1.5KV isolation COM Port 1 x GbE LAN port 1 x USB 3.0 port Bottom 1 x Digital Mic. 1 x HDMI output 1 x USB 3.0 port 1 x USB 2.0 port 1 x RJ11 for barcode scanner (1D/2D) Other 1 x Audio out (side) 1 x Mic in (side) 1 x USB 2.0 port (side) 1 x USB 2.0 port (side) 1 x External expansion port (ex: TV tuner) (reserved, side) 1 x 6-Key OSD (front)
	Drive Bay	1 x 2.5" SATA HDD		1 x 2.5" SATA HDD Bay	1 x 2.5" SATA 3Gb/s HDD bay 1 x mSATA reserved
	Audio	2 x 3W AMP		2 x 3W speaker	2 x 3W Speakers
	LED Function	One power on/off LED on front panel		2-light battery status LED, RFID indicator LED	RFID indicator LED
	OSD Function	Five buttons (LCD on/off, Light +/-, Audio +/-)		1 x LCD on/off 1 x Brightness up 1 x Brightness down 1 x Volume up 1 x Volume down 1 x Touch lock button for cleaning Combinations: 1 x Lock/Unlock OSD 1 x Power on/off	1 x LCD on/off 1 x Brightness down 1 x Brightness up 1 x Volume down 1 x Volume up 1 x Touch lock (OSD lock included)
	Wireless	Wi-Fi 802.11a/b/g/n		IEEE 802.11 a/b/g/n/ac 1T1R module	IEEE 802.11 a/b/g/n 2T2R module, with bluetooth
Physical	Construction Material	Anti-bacteria plastic front frame	Anti-bacteria plastic front frame	ABS+PC plastic with anti-bacterial material	ABS + PC plastic with anti-bacterial material
	Mounting	Panel, Wall, Rack, Stand and Arm VESA 100mm x 100mm	Panel, Wall, Stand and Arm VESA 100mm x 100mm	Wall, Stand and Arm VESA 100mm x 100mm	Wall, Stand and Arm VESA 100mm x 100mm / VESA 75mm x 75mm
	Net Weight	6.0 kg	6.2 kg	7.3 kg	--
	Dimensions (WxHxD) (mm)	428 x 350 x 76	470 x 383 x 79	542.5 x 349.5 x 52	--
Environment	Operating Temperature (°C)	0°C ~ 40°C			0°C ~ 40°C
	IP Level	IP 64 compliant front panel		IP 65 compliant front panel	Front: IP65; Full: IP32
Power	Power Requirement	12V DC input		9V~28V DC input	9~28V DC input
	Power Adapter	96W medical power adapter: Input: 90V~264V AC; Output: 12V DC		120W medical power adapter: Input: 100V~240V AC; Output: 19V DC	Medical Power Adapter, Output: 19V DC
Certification		CE, FCC class B part 18, UL 60601-1, EN 60601-1		CE, FCC class B part 18, UL 60601-1, EN 60601-1	CE, FCC class B part 18, UL 60601-1, EN 60601-1

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Optional Peripherals

POC-17i-HM55

POC-19i-HM55

17" Medical Panel PC features Intel® Core™ i7/i5/i3 mobile processor with Intel® HM55 chipset

19" Medical Panel PC features Intel® Core™ i7/i5/i3 mobile processor with Intel® HM55 chipset



Features



- 17"~19" multi-functional panel PC with touchscreen
- Powered by high-performance Intel® mobile Core™ i7/ i5/ i3 CPU with Intel® HM55 chipset
- System memory supports DDR3 SDRAM SO-DIMM up to 8 GB
- HDMI interface provides second display with vivid image quality
- 802.11a/b/g/n high speed wireless
- Dual gigabit Ethernet



Specifications

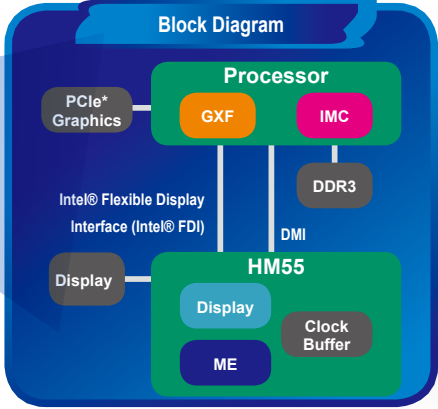
Model		POC-17i		POC-19i	
LCD Touch Specification	LCD Size (inch)	17"		19"	
	Max. Resolution	1280 (W) x 1024 (H)			
	Brightness (cd/m²)	350		350	
	Contrast Ratio	800:1		1000:1	
	LCD Color	16.7M			
	Viewing Angle (H-V)	170°/160°			
	Touchscreen	5-wire resistive type			
System	CPU	Intel® mobile Core™ i7/i5/i3 CPU with Intel® HM55 chipset			
	Chipset	Intel® HM55			
	Memory	Two 204-pin 800/1066 MHz DDR3 dual-channel SO-DIMM (system max. 8GB)			
	I/O Ports	1 x RS-232 by DB-9		1 x RS-232 or RS-422/485 by DB-9	
		2 x GbE LAN by RJ-45		4 x USB connector	
		1 x HDMI port		1 x Audio jack (line-out)	
		1 x VGA port by DB-15		1 x Reset button	
		1 x Power switch		1 x Power jack	
	Drive Bay	1 x 2.5" SATA HDD bay for SATA storage devices			
	Audio	AMP 3W + 3W (internal speaker)			
LED Function	One power on/off LED on front panel				
OSD Function	Five buttons (LCD on/off, Light +/-, Audio +/-)				
Wireless	Wi-Fi	802.11a/b/g/n			
Physical	Construction Material	Anti-bacteria plastic front frame			
	Mounting	Panel, Wall, Rack, Stand and Arm VESA 100 mm x 100 mm		Panel, Wall, Stand and Arm VESA 100 mm x 100 mm	
	Net Weight	6.0 kg		6.2 kg	
	Dimensions (WxHxD) (mm)	428 x 350 x 76		470 x 383 x 79	
Environment	Operating Temperature (°C)	0°C~40°C			
	IP Level	IP 64 compliant front panel			
Power	Power Requirement	12V DC input			
	Power Adapter	96W medical power adapter: Input: 90V~264V AC; Output: 12V DC			
Certification		CE, FCC class B part 18, UL 60601-1, EN 60601-1			


The Best Performance Grade with Intel® Mobile Core™ i7/ i5/ i3

Dual Channel DDR3
Support up to 8 GB

Block Diagram





802.11a/b/g/n Ready with Invisible Antenna

The POC-17i/19i series has two GbE LAN connectors and wireless 802.11a/b/g/n network connection, enabling better connection quality through accurate network selection. The powerful 802.11a/b/g/n wireless connection increases redundancy and ensures reliable network for real-time medical record processing.



**27 times faster than 802.11b,
no cables or installation fees**



	802.11a	802.11b	802.11g	802.11n
Data Rate (Mbps)	54	11	54	54
Range (Radius Indoor)	35 Meters	38 Meters	38 Meters	250 Meters
Range (Radius Outdoor)	120 Meters	140 Meters	140 Meters	250 Meters
Radio Frequency	5.15 GHz to 5.85 GHz	2.4 GHz to 2.5 GHz	2.4 GHz to 2.5 GHz	2.4 GHz or 5.0 GHz

Ordering Information

Part No.	Description
17"	POC-17i-i7/2G/320G-R10 17" Medical Panel PC, with Core™ i7-620M 2.66GHz, 2 GB DDR3 RAM, 320 GB HDD, wireless 802.11a/b/g/n, touchscreen, power adapter, RoHS
	POC-17i-i5/2G/320G-R10 17" Medical Panel PC, with Core™ i5-520M 2.4GHz, 2 GB DDR3 RAM, 320 GB HDD, wireless 802.11a/b/g/n, touchscreen, power adapter, RoHS
	POC-17i-i3/2G/320G-R10 17" Medical Panel PC, with Core™ i3-350M 2.26GHz, 2 GB DDR3 RAM, 320 GB HDD, wireless 802.11a/b/g/n, touchscreen, power adapter, RoHS
19"	POC-19i-i7/2G/320G-R10 19" Medical Panel PC, with Core™ i7-620M 2.66GHz, 2 GB DDR3 RAM, 320 GB HDD, wireless 802.11a/b/g/n, touchscreen, power adapter, RoHS
	POC-19i-i5/2G/320G-R10 19" Medical Panel PC, with Core™ i5-520M 2.4GHz, 2 GB DDR3 RAM, 320 GB HDD, wireless 802.11a/b/g/n, touchscreen, power adapter, RoHS
	POC-19i-i3/2G/320G-R10 19" Medical Panel PC, with Core™ i3-350M 2.26GHz, 2 GB DDR3 RAM, 320 GB HDD, wireless 802.11a/b/g/n, touchscreen, power adapter, RoHS

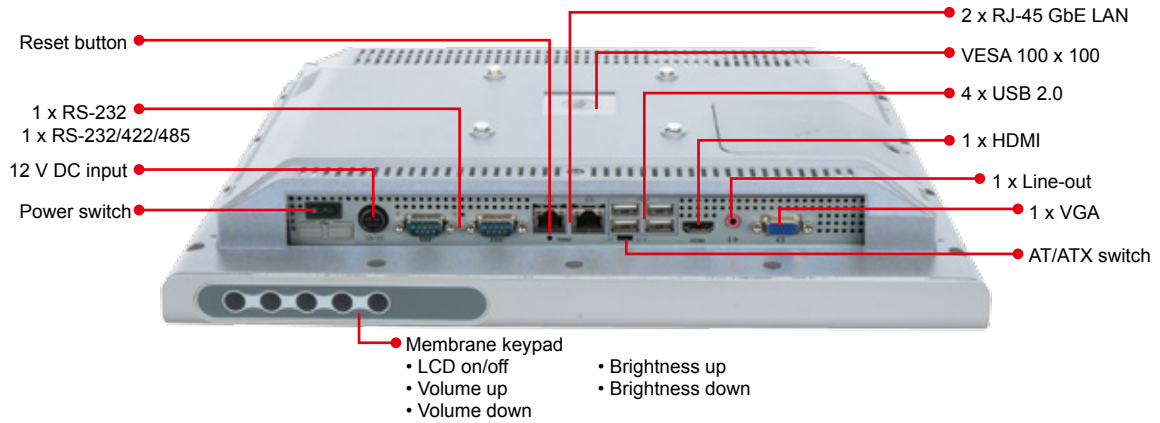
Packing List

Item	Part No.	Q'ty	Description
Utility CD	7B000-000773-RS	1	Drivers and User Manual
Power Adapter	63040-010096-030-RS	1	PMP120-12-S; 90~264VAC Input ; 96W; 12VDC output
Power Cord	32000-000002-RS	1	European, 1830mm
Pen	43125-0002C0-00-RS	1	For Resistive Touch

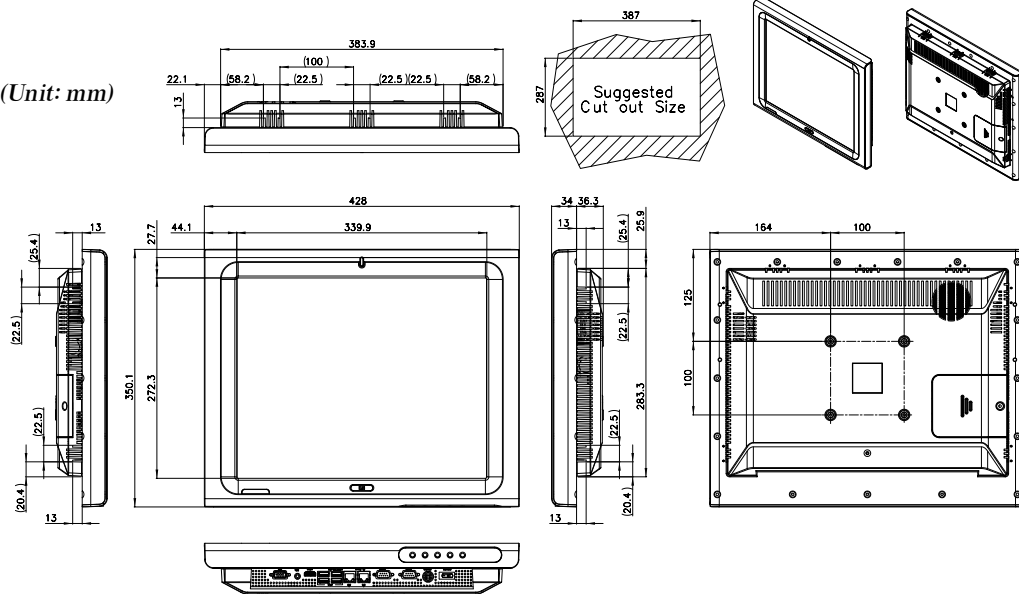
IQ Mounting Options

Item	Part No.
Wall Mount Kit	AFLWK-19B
Arm	ARM-11-RS, ARM-31-RS
Stand	STAND-A19, STAND-A21-R10

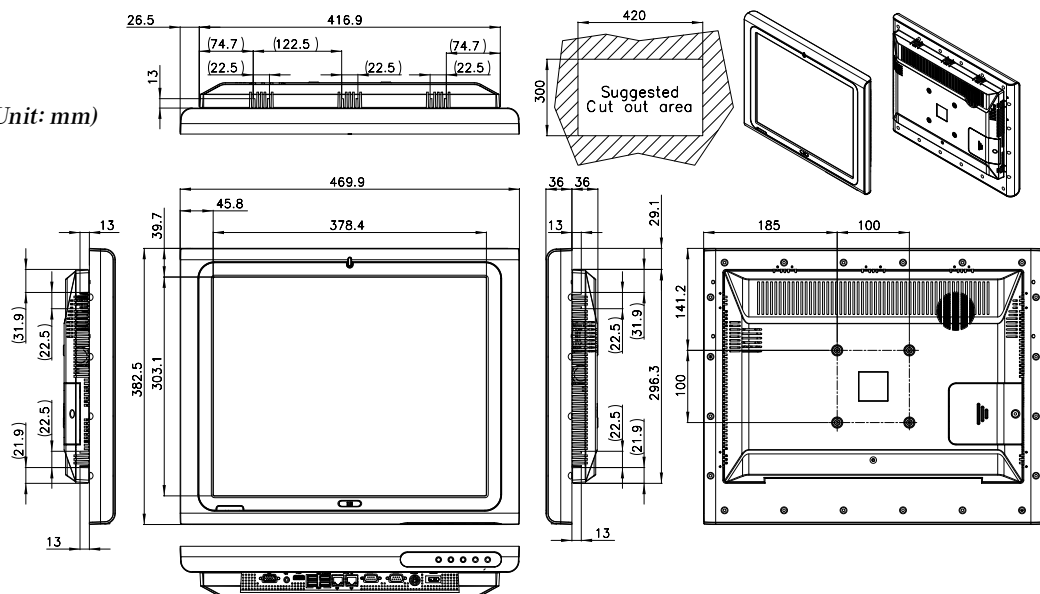
I/O Interface



POC-17i Dimensions (Unit: mm)



POC-19i Dimensions (Unit: mm)



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Optional Peripherals

Medical Panel PC

New

POC-W22A-H81

21.5" Medical Grade Panel PC

Features

- W21.5" 16:9 LED panel with FHD (1920 x 1080)
- 4th generation Intel® Core™ i5/i3/Pentium® CPU
- Projected capacitive touchscreen supports multi-touch
- IP65 compliant front bezel
- Anti-bacteria cover
- Optional 3-in-1 card reader: MSR, SCR and fingerprint
- Optional Mifare RFID module
- Optional internal 54W battery module
- Optional VoIP phone handset
- Optional handle module with barcode scanner and reading light



DESIGN AWARD



Slim Design with Multiple Expansion Capabilities and Remote Control Technology

The POC-W22A-H81 is a medical panel PC featuring IoT, and can be used as a bed-side terminal or a medical cart computer developed to completely meet users' needs and ergonomics. With the help of the IEI Remote Intelligent System (IRIS) technology, it is more convenient to manage, monitor and maintain the POC-W22A-H81 remotely. In addition, the light and slim design changes people's perception of the medical panel PC which is usually bulky and without any functional compromise.

• An Optional Built-in IEI IRIS Module

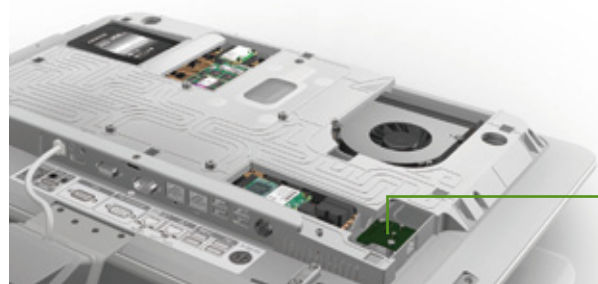
The IRIS technology provides remote control and monitoring features, which helps to reduce maintenance cost and to increase working efficiency in hospitals.

• An Optional Built-in Battery Module

The 54 W battery provides back-up power for up to 30 minutes in case of a power interruption. This feature offers protection against disruption of critical business operations or loss of data.

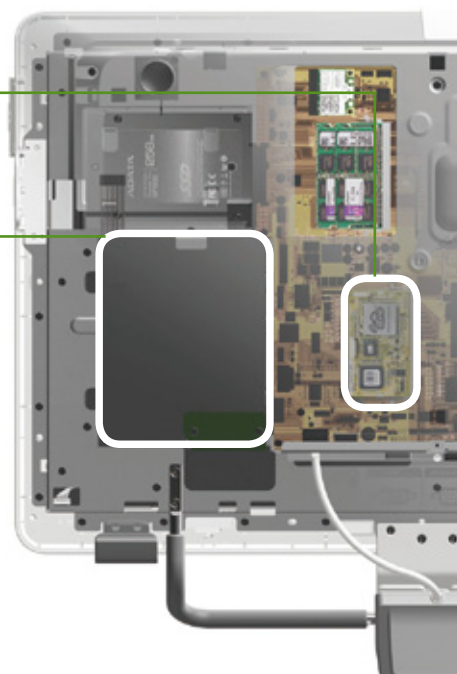
• Multiple Internal Expansion Capability

With the magnetic mechanism and the screw-less chassis design, it is easy to disassemble and replace the memory, fan, HDD and PCIe Mini card, making the upgrade and maintenance process become efficient and simple.



• Customized Internal Expansion Capability

The peripheral interface on the side panel can be customized according to users' needs by installing different types of PCIe Mini cards.



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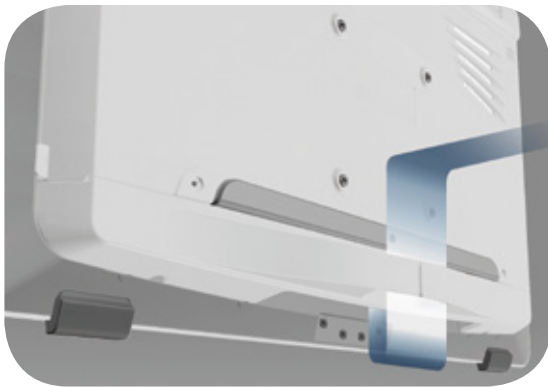
Rich External Expansion Module Suitable for Every Customized Environment

Multiple external expansion modules make the POC-W22A-H81 meet every customer's needs.



• 3-in-1 Combo Card Reader

The 3-in-1 card reader that supports IC cards, magnetic cards and fingerprint eliminates unnecessary cables, and does not occupy any USB port on the I/O interface at the bottom of the POC-W22A-H81.

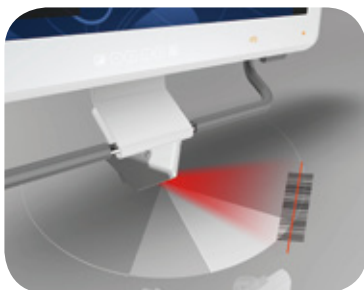


• Hug Style Cable Cover

Users can easily manage all the cables from the I/O ports, making it look fresh and allowing easier cleaning.

• Handle Module with Barcode Reader and Reading Light

Users can move panel PC easily. The barcode reader and the reading light module with adjustable operating angle can be used for multiple purposes.



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● EZ Stand

The EZ stand which combines a cable management hole and slim outlook is designed for desk-based environments.



A System with Care—Simple and Light, yet Powerful!

Through the minus design thinking, the design concept of the medical panel PC becomes pure and simple, making the POC-W22A-H81 look slim. Through the plus design thinking, the design concept of the external expansion capability becomes more flexible and much fit the customized requirements.

● Smooth Curves at the Back

The smooth curves perfectly shape the air vents and make users feel warm.

● Slim and Comfortable Sense of Touch

Slim and comfortable sense of touch makes users feel good while using it, and the clinician's view will not be blocked when moving the medical cart.



● Reserved screw Holes for Customized Projects

Reserved screw holes for multiple modules, such as handset or sphygmomanometer, allow for customized installation capability.

● Privacy Cover for Webcam

The webcam cover protects the privacy of patients



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Pay High Attention to Users' Experiences and Integrate All the Suggestions from Industry-academic Cooperation

Intensive cooperation with the Chang Gung University School of Nursing and the professional medical centers' personnel at the beginning stage of development makes the product 100% ideal for users' requirements. Implement the innovative design thinking activity to develop unique product features and to improve product functions.

● Reduce the Occupation on the Desk of the Medical Cart

Integrating various modules into one entity saves more desk space of the medical cart and provides a convenient using environment.

● Easy Using

With the stable handle, users can easily adjust the using angle and the position of the POC-W22A-H81. This feature greatly reduces the effort required using two hands to move the system.

● Reading Light Support

The built-in reading light on the handle module provides lighting for a small area in a dark environment without bothering patients.

● Adjustable-angle Barcode Reader

The barcode reader on the handle module supports angle adjustment, with which users can scan the objects conveniently without moving the entire panel PC.



1. Bedside Infotainment

The highly-integrated POC-W22A-H81 can save time on cable-managing process. Its optional accessories also make the healthcare environment become more flexible and friendly.



Through RFID, 3-in-1 card reader and Wi-Fi connection, doctors and nurses can log-in to the hospital information system to input medical checkup results, and to check the dosing records and other healthcare information. Nurses can also use barcode reader to collect relative information in the healthcare environment to eliminate human errors.



With the hospital system integrated, patients can check their medication records on the POC-W22A-H81 via RFID and the barcode reader. Through the Wi-Fi connection, patients can have their entertainment time as well. In addition, the multiple-fixed handle module offers great convenience to users so that they can adjust the using angle by just using a finger.

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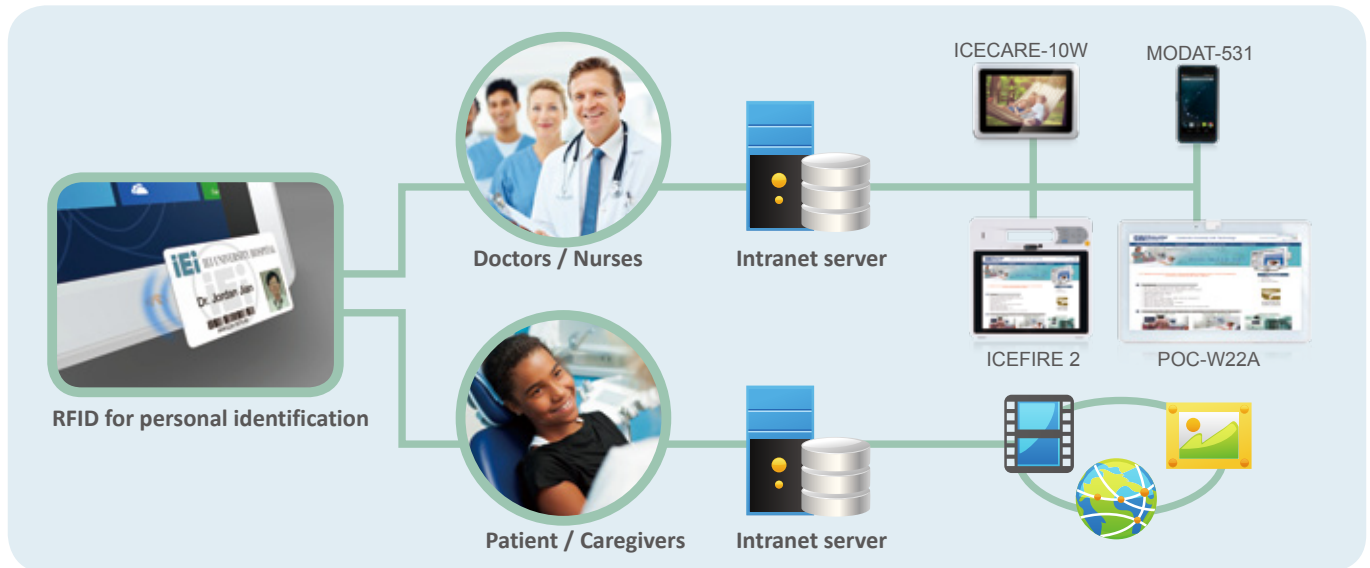
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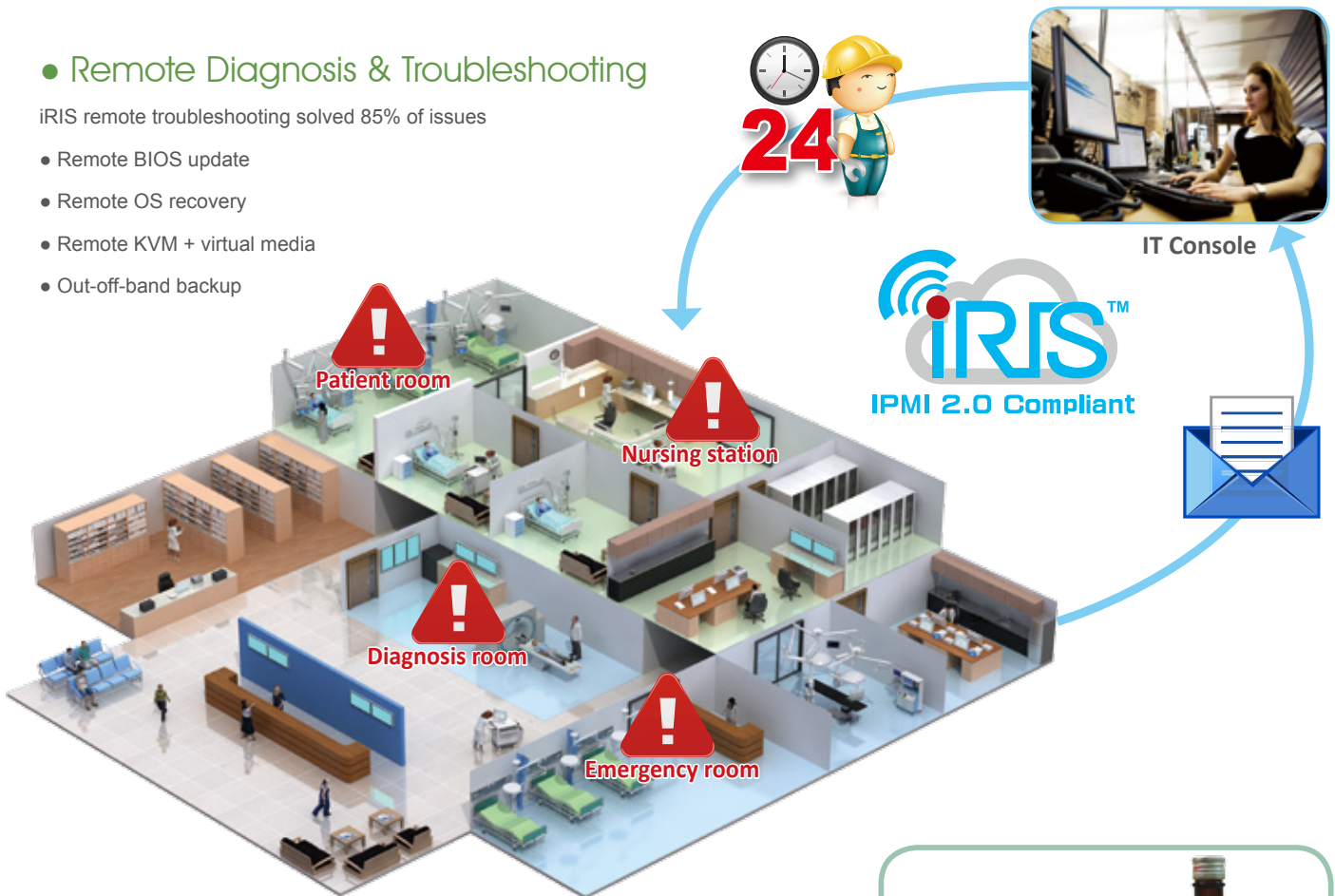
With various kinds of sensors (e.g. RFID and smart card reader), the IT personnel in hospitals can separate different loggers to different login path for data accessing. This application increases the safety of the data protection.



Remote Diagnosis & Troubleshooting

iRIS remote troubleshooting solved 85% of issues

- Remote BIOS update
- Remote OS recovery
- Remote KVM + virtual media
- Out-off-band backup



The light, slim and smooth curves design with no inaccessible corners brings conveniences for the cleaning personnel and increases cleaning efficiency.



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2. Nursing Cart Computer



Through RFID, 3-in-1 card reader and Wi-Fi connection, doctors and nurses can log-in to the hospital information system to input medical checkup results, and to check the dosing records and other healthcare information. Nurses can also use barcode reader to collect relative information in the healthcare environment to eliminate human errors.



Checking dosing information and recording the patient-care information usually happen hundreds of times in a nurse's daily work. If these repeated processes can be improved to make it friendlier, the working efficiency and convenience of the stressful nurses will be greatly increased. The handle module is integrated with a barcode reader and a reading light located near the working area instead of the side of the device, offering a great convenience for the repetitive work.



The PCAP touch helps nurses operate the devices like using their mobile phone. Nurses who wear the latex gloves can operate the user interface easily during their daily routine.



The 54 W battery module provides back-up power for up to 25-30 minutes in case of a power interruption. This feature offers protection against disruption of critical business operations or loss of data.



The light, slim and smooth curves design with no inaccessible corners brings conveniences for the cleaning personnel and increases cleaning efficiency.

3. Applications



Operating room



Pharmacy counter



Dialysis lab



Examination center

Specifications

Model		POC-W22A-H81	
LCD Specifications	LCD Display	W21.5" (16:9)	
	Max Resolution	1920 (W) x 1080 (H)	
	Brightness (cd/m²)	250	
	Contrast Ratio	1000 : 1	
	LCD Color	16.7M	
	Pixel Pitch (mm)	0.24825 (H) x 0.24825 (V)	
	Viewing Angle (H-V)	170°/160°	
	Backlight MTBF (hrs)	30000 (LED backlight)	
Touch	Touchscreen	Projected capacitive type with USB interface	
	Touch Controller	EETI: EXC7200 + EX5404	
	Surface Hardness	6H	
System	CPU Support	Intel® desktop Core™ i7/i5/i3/Pentium®/Celeron® CPU with Intel® H81 chipset (Up to TDP 35W CPU)	
	Chipset	Intel® H81	
	RAM	Two 204-pin 1600/1333MHz dual-channel DDR3 SDRAM, 4GB pre-installed (system max. 16GB)	
	I/O Port	1 x RS-232/422/485 2 x GbE LAN by RJ-45 (1 for iRIS) 1 x Power button 1 x VGA output	1 x HDMI output 1 x 9V~28V DC Jack 2 x USB 3.0 4 x USB 2.0 (2 on bottom and 2 on side) 1 x RJ-11 for barcode module
	Storage	1 x 2.5" SATA HDD bay	
	Audio	2 x 3W speaker	
	Webcam & Microphone	2-megapixel CMOS front-facing camera with auto-focus and digital microphone	
	Expansion Interface	1 x PCIe Mini for Wi-Fi module, 1 x PCIe Mini reserved	
	LED Indicator	2-light battery status LED, RFID indicator LED	
	MIFARE RFID	Optional: MIFARE 13.56 MHz card reader	
	Function Key	1 x LCD on/off 1 x Brightness up 1 x Brightness down 1 x Volume up 1 x Volume down 1 x Touch lock button for cleaning	Combinations: 1 x Lock/Unlock OSD 1 x Power on/off
Other Features	Light Sensor	Ambient light sensor for panel brightness adjustment	
	Battery	Optional built-in 54W battery pack (30 mins)	
	Remote Monitoring	1 x iRIS-2400 slot (iRIS remote management model)	
	Wireless	IEEE 802.11 a/b/g/n/ac 1T1R module	
Connectivity	Construction Material	ABS+PC plastic with anti-bacterial material	
	Mounting	Wall, Stand and Arm VESA 100mm x 100mm	
	Net Weight	7.3 kg	
	Dimensions (WxHxD)	542.5 mm x 349.5 mm x 52 mm	
Physical	Operating Temperature	0°C~40°C	
	Storage Temperature	-20°C~60°C	
	Humidity	10% to 95% (non-condensing)	
	Vibration	1G	
	Shock	Operating Shock: 5G peak acceleration (11ms duration) Non-Operating Shock: 15G peak acceleration (11ms duration)	
	IP Level	IP65 compliant front panel	
Environment	Power Input	9V~28V DC input	
	Power Adapter	120W medical power adapter: Input: 100V~240V AC; Output: 19V DC	
Certification		CE, FCC class B part 18, UL 60601-1, EN 60601-1	

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Ordering Information

Part No.	Description
POC-W22A-H81i-P/PC/4G-R11	21.5" 250cd/m ² FHD medical panel PC with Intel® H81 chipset, Intel® Pentium® G3320TE processor (dual core, 2.3 GHz, TDP 35W), two 2 GB DDR3 RAM, 802.11a/b/g/n/ac Wi-Fi module, projected capacitive touchscreen, 2M camera, microphone, support iRIS-2400, R11
POC-W22A-H81i-i3/PC/4G-R11	21.5" 250cd/m ² FHD medical panel PC with Intel® H81 chipset, Intel® Core™ i3-4330TE processor (dual core, 2.4 GHz, TDP 35W), two 2 GB DDR3 RAM, 802.11a/b/g/n/ac Wi-Fi module, projected capacitive touchscreen, 2M camera, microphone, support iRIS-2400, R11
POC-W22A-H81i-i5/PC/4G-R11	21.5" 250cd/m ² FHD medical panel PC with Intel® H81 chipset, Intel® Core™ i5-4570TE processor (dual core, 2.7 GHz, TDP 35W), two 2 GB DDR3 RAM, 802.11a/b/g/n/ac Wi-Fi module, projected capacitive touchscreen, 2M camera, microphone, support iRIS-2400, R11

Options

Number	Description
MEDP-HS-R10	USB interface VoIP phone and its holder, white
MEDP-CR-R10	Magnetic card reader/Smart card reader/Fingerprint sensor, white
MEDP-HD-R10	Metal handle covered with soft rubber
MEDP-HD-BR-R10	Metal handle covered with soft rubber, with barcode reader and reading light, White
MEDP-MF-RFID-R10	MIFARE RFID reader, 13.56MHz, with LED indicator, IEI assembly only
MEDP-TPM-R10	Trusted platform module kit, IEI assembly only
MEDP-BAT-R10	Li-Ion Battery, 3700mAh; 14.8V; with LED indicator, IEI assembly only; RoHS
MEDP-EZS-R10	VESA 100 x 100 mm panel PC stand with a cable management hole, white
iRIS-2400-R10	IPMI 2.0 adapter card with AST2400 BMC chip for DDR3 SO-DIMM socket interface
POCP-CC01-R10	POC-W22A-H81 cable cover, white, plastic, R10
POC-W22A-H81-WES7P64-R10	OS Image with 64bit Windows Embedded Standard 7 P for POC-W22A-H81 Series, with DVD-ROM
POC-W22A-H81-WE8S64-R10	OS Image with 64bit Windows Embedded Standard 8 for POC-W22A-H81 Series, with DVD-ROM

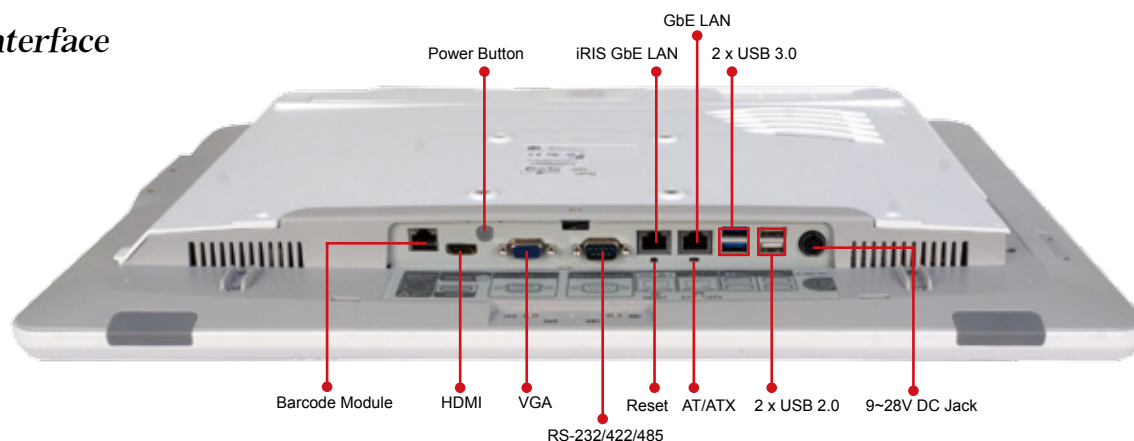
IQ Mounting Options

Item	Part No.
Wall Mount Kit	AFLWK-19B
Arm	ARM-31-RS
Stand	STAND-300SW-RS/STAND-A21-R10

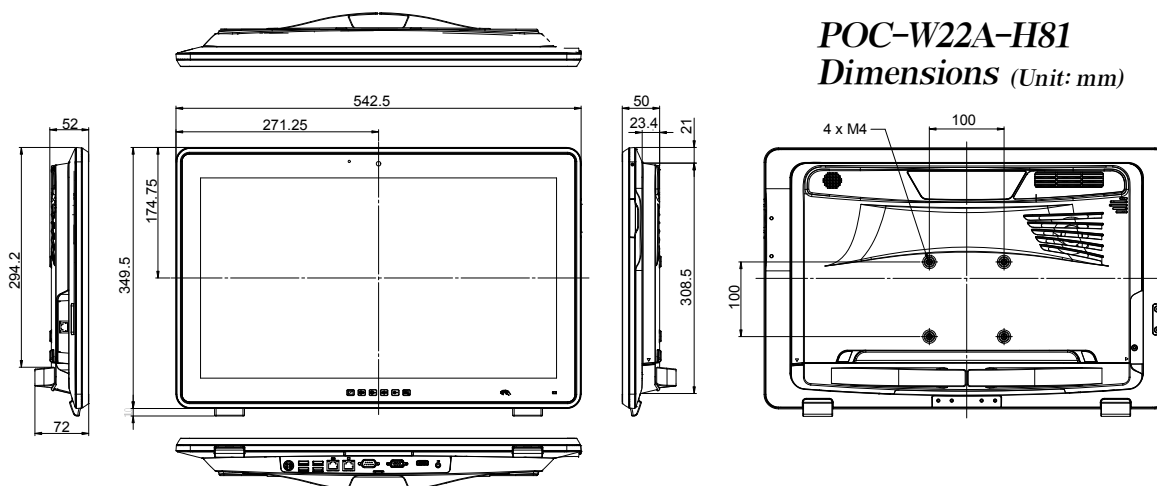
Packing List

Item	Part No.	Q'ty	Description
Utility CD	7B000-001137-RS	1	Drivers and User Manual
Power Adapter	63040-010120-010-RS	1	120W medical power adapter: Input: 100V~240V AC, Output: 19 V DC
Power Cord	32702-000200-100-RS	1	European power cords, 183 CM, C13

I/O Interface



POC-W22A-H81 Dimensions (Unit: mm)



1

IEI Mobile Solutions

2

Automation Panel Solutions

3

Healthcare Panel PC Solution

4

Industrial System

5

ORing Network Communication

6

Automation Control

7

Optional Peripherals

Solution Partner for Healthcare Industry

BriteMED™

Diverse Product Selection

Prompt Support Service

Trusted Quality Manufacturing

Cost-Effective & Reliable Products

Flexible Customization

Product Safety Oriented

Continuous Technology Innovation

Celebrate Humanity with Technology

BriteMED Technology Inc. (formal PACSmate Technology Inc.) is devoted to serving the healthcare industry with innovative electric medical devices and information technology products. As an ISO-9001 & ISO-13485 certified company based in Taiwan, BriteMED is dedicated in providing high-quality, high-performance and safe electronic medical system products through integrating the latest information technologies.

As a member company of the IEI Group, BriteMED aims to deliver state-of-the-art hardware and software solutions to the healthcare industry in medical IT, medical imaging, vital sign, nursing and home care applications. With continuous focus and efforts in marketing, engineering, and manufacturing, BriteMED serves the healthcare industry as an ideal solution partner for hospitals, medical VARs and medical device manufacturers.

Medical Certifications



1

IEIMobile Solutions

2

Automation Panel Solutions

3

Healthcare Panel PC Solution

4

Industrial System

5

ORing Network Communication

6

Automation Control

7

Optional Peripherals

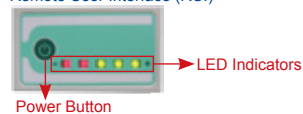
MBM Series

The MBM series medical battery systems are designed with normal rapid charging modes which can be automatically switched according to the usage conditions. Over charging, over discharging, short-circuit protections are also designed to ensure the maximum safety. Selected models are compliant with AAMI ES60601-1, EN 60601-1 and UN 38.3 standards. The external LED indicator provides the most flexible and convenient way to monitor the capacity and charging status of the battery system.

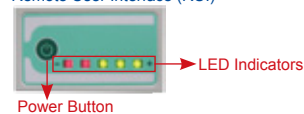


Model Name	MBM-L220	MBM-L450	MBM-L180
Battery Type	LiFePO4	LiFePO4	LiFePO4
Capacity	220 Wh	450 Wh	180 Wh
Charging Time	2 hrs (typical)	2.7 hrs (typical)	1.8 hrs (typical)
Output Voltage/Power	DC 12V / 120W Selectable DC 24 or 20 or 19 or 18V / 100W DC 5V / 10W	DC 12V / 120W Selectable DC 24 or 20 or 19 or 18V / 100W DC 5V / 10W	DC 12V/100W
Output Connector	Molex 4 & 8 pin	Molex 4 & 8 pin	Power din Ø5.5/2.5
AC Power	External power adapter AC to DC 24V	External power adapter AC to DC 24V	Internal charger
Input Connector	C-14 power D type	C-14 power D type	C-14 power D type
AC Input Voltage	AC 90~240V, 50~60Hz	AC 90~240V, 50~60Hz	AC 90~240V, 50~60Hz
Safety Certifications	AAMI ES60601-1 IEC 60601-1 EN 60601-1 CE 60601-1-2 FCC UN 38.3 UL 1642 IEC 62133	AAMI ES60601-1 IEC 60601-1 EN 60601-1 CE 60601-1-2 FCC UN 38.3 UL 1642 IEC 62133	UL 1642 IEC 62133 EN 60950 CE LCD FCC PSE
Dimensions (cm)	22.5 x 21 x 8	22.5 x 21 x 10.7	29 x 22 x 8.2
Weight	6.5 Kg	8.5 Kg	6.5 Kg
Operating Temperature	0°C ~ 40°C		
Safety Protections	Over-charge protection Over-discharge protection Over-current protection Over-heat protection Short-circuit protection		

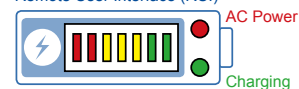
Remote User Interface (RUI)



Remote User Interface (RUI)



Remote User Interface (RUI)



1

IEI Mobile Solutions

2

Automation Panel Solutions

3

Healthcare Panel PC Solution

4

Industrial System

5

ORing Network Communication

6

Automation Control

7

Optional Peripherals

MBM-L220**Medical Battery Systems**Powered by **BriteMED™****Features**

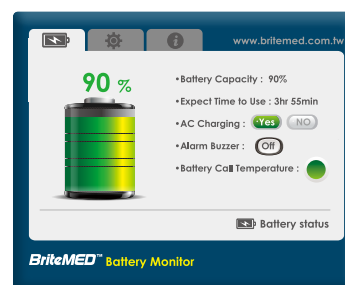
- Long battery life (LiFePO4)
- High capacity
- LED status indicator
- Assurance of medical safety standards
- Multi-output DC voltage
- Battery management software
- Multiple medical safety protections

**Specifications**

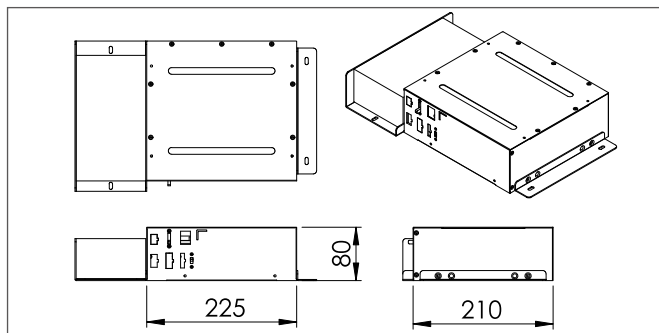
Model Name	MBM-L220-R10
Battery Type	Lithium-Iron Phosphate (LiFePO4)
Battery Life time	2000 cycle, DOD 80% (Depth of Discharge)
Battery Capacity	220Wh
Charge Time	2 hrs (typical), DOD 100%, without loading
Usage Time	Estimated 6~7hrs or more (based on PC power consumption)
Power Adapter	AC 100~240V to DC 24V
Multi-Output DC Voltage & Current	Output-1: DC 12V, max. 10A (total 120W) Output-2: Selectable DC 24V/20V/19V/18V, max. 5.2A @ 19V (total 100W) Output-3: DC 5V (USB power), max. 2A (total 10W)
Charging Voltage	DC 24V
Remote User Interface (RUI) Unit Function	Battery capacity percentage: five LED indicators Battery power on/off button Low capacity alarm buzzer Output-3: DC 5V (USB power)
Battery Management Software	Battery capacity/Expected usage time/Alarm control/PC power-off setting USB interface
Certifications	Medical safety: AAMI ES60601-1 & EN 60601-1 Medical EMC: FCC Part 18 & CE EN 60601-1-2 Lithium battery cell safety: UL 1642 & IEC 62133 Lithium battery transport standard: UN38.3
Dimensions (mm)	225 x 210 x 81
Weight	4.6 kg
Operating Temperature	0°C~35°C



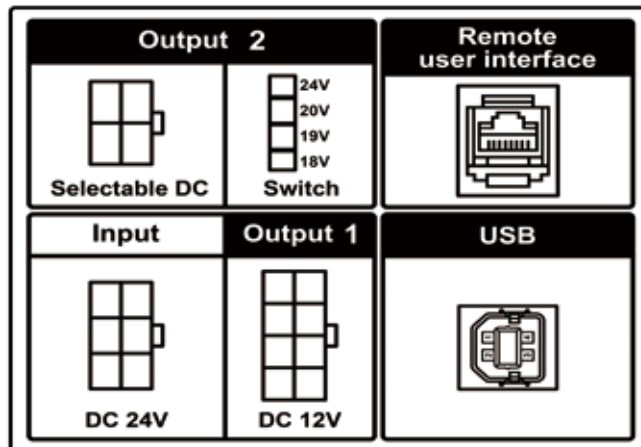
Remote User Interface (RUI) Unit

**Battery Management Software**

- Battery real-time monitoring
- Battery alarm settings
- Battery information

Dimensions (unit: mm)**Packing List**

Item	Number
Remote User Interface & cable 2.2m	1
DC output 1 cable 2.2m, 4-pin power DIN for panel PC	1
DC output 2 cable 2.2m, power plug $\phi 5.5/2.5$ mm	1
USB communication cable 2.2m	1
AC input power cord 1.8m (USA or European type)	1
User manual & driver CD	1
Power adapter AC 100~240V to DC 24V (medical grade)	1
Power adapter mounting bracket	1
Battery module mounting bracket	2

IO Interface**Ordering Information**

Part No.	Description
MBM-L220-R10	Battery Module, Lithium-Iron Phosphate (LiFePO4) 220Wh, Input DC 24V, Output-1 DC 12V, Output-2 Selectable DC 24/20/19/18V, Output-3 DC 5V, with medical grade power adapter 250W AC to DC 24V.

MBM-L450

Medical Battery Systems



Features

Powered by BriteMED™

- Long battery life (LiFePO4)
- High capacity
- LED status indicator
- Assurance of medical safety standards
- Multi-output DC voltage
- Battery management software
- Multiple medical safety protections



AAMI ES60601-1



EN 60601-1



IEC 60601-1



EN 60601-1-2



Part 18

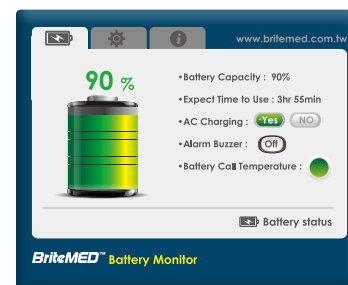


Specifications

Model Name	MBM-L450-R10
Battery Type	Lithium-Iron Phosphate (LiFePO4)
Battery Life Time	2000 cycle, DOD 80% (Depth of Discharge)
Battery Capacity	450Wh
Charge Time	2.7 hrs (typical), DOD 100%, without loading
Usage Time	Estimated 13~14hrs or more (based on PC power consumption)
Power Adapter	AC 100~240V to DC 24V
Multi-Output DC Voltage & Current	Output-1: DC 12V, max. 10A (total 120W) Output-2: Selectable DC 24V/20V/19V/18V, max. 5.2A @ 19V (total 100W) Output-3: DC 5V (USB power), max. 2A (total 10W)
Charging Voltage	DC 24V
Remote User Interface (RUI) Unit Function	Battery capacity percentage: five LED indicators Battery power on/off button Low capacity alarm buzzer Output-3: DC 5V (USB power)
Battery Management Software	Battery capacity/Expected usage time/Alarm control/PC power-off setting USB interface
Certifications	Medical safety: AAMI ES60601-1 & EN 60601-1 Medical EMC: FCC Part 18 & CE EN 60601-1-2 Lithium battery cell safety: UL 1642 & IEC 62133 Lithium battery transport standard: UN38.3
Dimensions (mm)	225 x 210 x 106
Weight	7.3 Kg
Operating Temperature	0°C~35°C



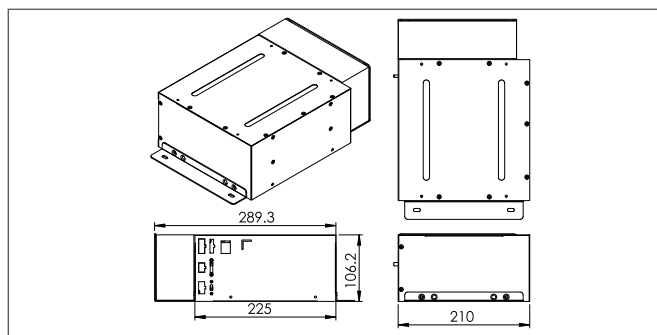
Remote User Interface (RUI) Unit



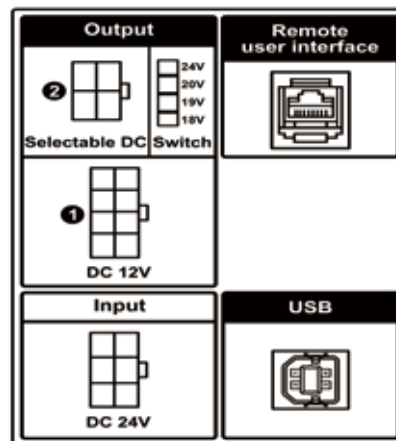
Battery Management Software

- Battery real-time monitoring
- Battery alarm settings
- Battery information

Dimensions (unit: mm)



IO Interface



Packing List

Item	Number
Remote User Interface & cable 2.2m	1
DC output 1 cable 2.2m, 4-pin power DIN for panel PC	1
DC output 2 cable 2.2m, power plug $\phi 5.5/2.5$ mm	1
USB communication cable 2.2m	1
AC input power cord 1.8m (USA or European type)	1
User manual & driver CD	1
Power adapter AC 100~240V to DC 24V (medical grade)	1
Power adapter mounting bracket	1
Battery module mounting bracket	2

Ordering Information

Part No.	Description
MBM-L450-R10	Battery Module, Lithium-Iron Phosphate (LiFePO4) 450Wh, Input DC 24V, Output-1 DC 12V, Output-2 Selectable DC 24/20/19/18V, Output-3 DC 5V, with medical grade power adapter 250W AC to DC 24V.

MBM-L180

Medical Battery Systems

Powered by **BriteMED™**

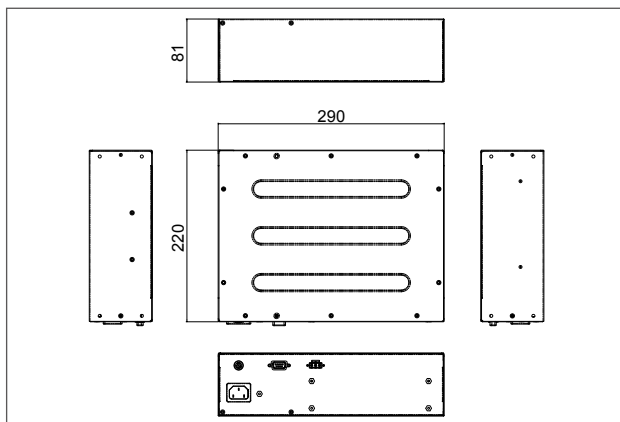
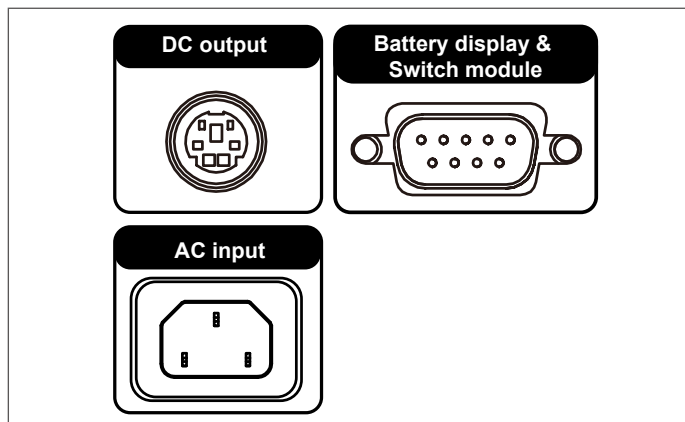
Remote User Interface (RUI) Unit

**Features**

- Long battery life (LiFePO4)
- High capacity
- LED status indicator
- AC power included

Specifications

Model Name	MBM-L180
Battery Type	Lithium-Iron Phosphate (LiFePO4)
Battery Life Time	2000 cycle, DOD 80% (Depth of Discharge)
Battery Capacity	180Wh
Charge Time	1.8 hrs (typical), DOD 100%, without loading
Usage Time	Estimated 4hrs more, based on PC power consumption
Dc Output Voltage / Current	DC 12V / Max.8.3A
Ac Input Voltage	AC 100~240V, 50~60Hz
Remote User Interface (RUI) Unit Function	Battery capacity percentage indicators (5-level LED) Battery power on/off button Low capacity alarm buzzer Output-3: DC 5V (USB power)
Certifications	Battery cell: UL-1642 & IEC-62133 Power module: EN-60950, CE-LVD, FCC, PSE
Dimensions	290 mm x 220 mm x 82 mm
Weight	6.5 kg
Operating/ Storage Temperature	0°C~40°C / -20~50°C

Dimensions (unit: mm)**IO Interface****Packing List**

Item	Number
Remote User Interface & switch module with cable, 2m.	1
DC power output cable, round type power din, 4-pin, 2.3m	1
AC power cord, USA standard, 1.8m.	1
Mounting bracket	2

Ordering Information

Part No.	Description
MBM-L180-R10	Battery module, LiFe 180Wh & charger & DC power box, AC 100~240V to DC 12V output.

1

IEIMobile
Solutions

2

Automation
Panel
Solutions

3

Healthcare
Panel PC
Solution

4

Industrial
System

5

ORing
Network
Communication

6

Automation
Control

7

Optional
Peripherals

pCART-N1

E-Medical Cart

Powered by **BriteMED™**



*Accessories & PC are optional

Features

- Highly-integrated computerized medical cart for mobile healthcare solution
- Ergonomic design for ease-of-use, cleaning and moving
- Integrated battery life LED indicator
- Flexible customization, configuration and integration
- Flexible and solid computer arm for ideal viewing position
- Long battery life, easy to manage and maintain

Specifications

Model	pCART-N1
Body Size	L: 54cm (±1cm) W: 68cm (±1cm) H: 101cm (±1cm)
Structure	Aluminum-alloy. Each metal sheet is connected by electro-welding instead of screw.
Coating	Powder coating (10 different colors for your choice and garden series stickers for you to decorate your own medical cart) Powder coating provides smooth surface which is easy to clean and sterilize. Caustic agents are as follow. <div><div>1. Ethyl alcohol</div><div>2. Sodium hypochlorite</div><div>3. Isopropanol</div><div>4. Formalin</div><div>5. Glutaraldehyde</div><div>6. Benzalkonium chloride</div></div>
Working Table	<div><div>1. ABS surface with seamless design: dirt won't stock and easy to clean and sterilize</div><div>2. Concave desktop design: avoid objects falling down</div><div>3. Battery status indicator: easy to identify the battery capacity</div><div>4. Smart card reader: easy to get patient's info</div><div>5. L: 45cm W: 59cm H: 98 cm ~ 100 cm</div></div>
Side Table	<div><div>1. Top ABS surface and pull-out area facilitate task processing and regular cleaning</div><div>2. Loading weight: up to 8 kg</div></div>
Computer Arm	<div><div>1. Three-step arm maximum loading of 12 kg</div><div>2. Ergonomic design: easy to adjust direction/height/angle of computer</div></div>
Drawer	<div><div>1. Metal material: solid and bump-resistant</div><div>2. Powder coating: easy to clean and anti-corrosion</div><div>3. Stainless steel slippery track: no noise while pull out the drawer; the drawer can be taken out for cleaning</div><div>4. Customized drawer configuration: three sizes for your choice, 3", 6" and 9" (total height of the drawer is 27 inches)</div><div>5. Drawer lock: all drawers can be locked to ensure the safety of the items in the drawer; or lock all but not keyboard drawer for operating convenience</div></div>
Drawer Configuration	<div><div>First Layer:<div><div>1. 3" keyboard drawer: storage space can fit different sizes of keyboard</div><div>2. USB hub: facilitate different requirements and expansion functions</div><div>3. Power switch: switch off to extend battery life</div></div></div><div>Second Layer: 3" drawer</div><div>Third & Fourth Layer: 3" medicine bins drawer which can accommodate 5 medicine bins (L23/W11/H7.5cm). Layout of the medicine bins can be customized.</div><div>Fifth Layer: 6" drawer</div><div>Sixth Layer: 9" drawer</div></div>
Options of Battery Modules	180Wh LiFe or MBM-L220 or MBM-L450 Battery module
Wheels	<div><div>1. Four 5" bearing silencing dust-proof wheels</div><div>2. Each wheel has up to 100 kg loading</div></div>

Five Distinguishing Features



Various Patterns & Colors Available

Ten different colors for your choices and several patterns can be chosen in your favor to decorate the nursing cart.



Scratch Resistance & Durability

The special coating provides resistance to scratching and the metal casing construction ensures the strength of the cart.



Easy to Maintain

Independent battery drawer design saves space and makes it easy to maintain the battery system.

All-in-one

BriteMED provides a total solution of the complete mobile E-Medical Cart system which includes various choices of medication carts, medical panel PCs and medical battery systems.

Customization

BriteMED E-Medical Cart incorporates medical panel PC, medical battery systems and various accessories, such as needle boxes, waste bins, and different kinds of shelves, ensuring the maximum flexibility for different configurations.



White



Cream



Light Blue



Blush Pink



Fresh Green



Lavender



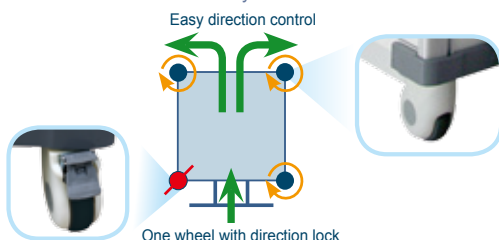
Bright Orange



Children Edition

Cart Wheel

Smooth movement and easy direction control



Real-time battery status monitoring



Integrated smart card reader



Ordering Information

Part No.	Description
PCART-N1-PL1-R1	Medication Cart N1 Pink color with 3-inch keyboard drawer x1, 3-inch drawer x1, 3-inch medicine bins drawer x2 & bin x10, 6-inch drawer x1, 9-inch drawer x1, VESA 75/100 arm, MBM power module, 180Wh LiFe battery pack.
PCART-N1-PL2-R1	Medication Cart N1 Pink color with 3-inch keyboard drawer x1, 3-inch drawer x1, 3-inch medicine bins drawer x2 & bin x10, 6-inch drawer x1, 9-inch drawer x1, VESA 75/100 arm, MBM-L220 battery module.
PCART-N1-PL4-R1	Medication Cart N1 Pink color with 3-inch keyboard drawer x1, 3-inch drawer x1, 3-inch medicine bins drawer x2 & bin x10, 6-inch drawer x1, 9-inch drawer x1, VESA 75/100 arm, MBM-L450 battery module.

Optional Accessories

	Part Number	Description
Side Accessories	PCA-VBH-R1	Bottle holder (31x11x8cm) & side rail
	PCA-VMS-R1	Multi-Storage holder (33x13x18cm) & side rail
	PCA-VGD-R1	Glove dispenser holder (26x8x13cm) & side rail
	PCA-VCH-R1	Catheter holder (10x10x48cm) & side rail
	PCA-VIV-R1	IV pole
Needle Box	PCA-VSC-3L-R1	Sharps container (yellow 3L x1) & holder (18x12x11cm) & side rail
	PCA-VSC-R1	Sharps container (red 1.7L x1) & holder (12x12x9cm) & side rail
Waste Bin	PCA-VSB-R1	Metal waste bin (10L x2) (40x17x34cm)
	PCA-VWC-R1	Plastic waste bin with lid (9L x1) & holder (26x15x18cm) & side rail
Drawer Accessories	PCA-DPFD3-R1	3-inch fixed divider set (short x3 & fixed x3 & strip x2)
	PCA-DPFD6-R1	6-inch fixed divider set (short x2 & fixed x2 & strip x2)
	PCA-DMB-R1	3-inch medicine bin (232x113x75mm)

1

IEIMobile Solutions

2

Automation Panel Solutions

3

Healthcare Panel PC Solution

4

Industrial System

5

ORing Network Communication

6

Automation Control

7

Optional Peripherals

pCART-N2

E-Medical Cart

Powered by **BriteMED™**



*Accessories & PC are optional

Features

- Highly-integrated computerized medical cart for mobile healthcare solution
- Ergonomic design for ease of use, cleaning and moving
- Integrated battery life LED indicator
- Flexible customization/ configuration/ integration
- Flexible and solid computer arm for customization, configuration and integration
- Long battery life, easy to manage and maintain

Specifications

Model	pCART-N2
Body Size	L: 54cm (±1cm) W: 68cm (±1cm) H: 101cm (±1cm)
Structure	Aluminum-alloy. Each metal sheet is connected by electro-welding instead of screw.
Coating	Powder coating (10 different colors for your choice and garden series stickers for you to decorate your own medical cart) Powder coating provides smooth surface which is easy to clean and sterilize. Caustic agents are as follow. <div><div>1. Ethyl alcohol</div><div>2. Sodium hypochlorite</div><div>3. Isopropanol</div><div>4. Formalin</div><div>5. Glutaraldehyde</div><div>6. Benzalkonium chloride</div></div>
Working Table	<div><div>1. ABS surface with seamless design: dirt won't stock and easy to clean and sterilize</div><div>2. Concave desktop design: avoid objects falling down</div><div>3. Battery status indicator: easy to identify the battery capacity</div><div>4. Smart card reader: easy to get patient's info</div><div>5. L: 45cm W: 59cm H: 98 cm ~ 100 cm</div></div>
Side Table	<div><div>1. Top ABS surface and pull-out area facilitate task processing and regular cleaning</div><div>2. Loading weight: up to 8 kg</div></div>
Computer Arm	<div><div>1. Three-step arm maximum loading of 12 kg</div><div>2. Ergonomic design: easy to adjust direction/height/angle of computer</div></div>
Drawer	<div><div>1. Metal material: solid and bump-resistant</div><div>2. Powder coating: easy to clean and anti-corrosion</div><div>3. Stainless steel slippery track: no noise while pull out the drawer; the drawer can be taken out for cleaning</div><div>4. Customized drawer configuration: three sizes for your choice, 3", 6" and 9" (total height of the drawer is 27 inches)</div><div>5. Drawer lock: all drawers can be locked to ensure the safety of the items in the drawer; or lock all but not keyboard drawer for operating convenience</div></div>
Drawer Configuration	<div><div>Front side</div><div>First Layer:<div><div>1. 3" keyboard drawer: storage space can fit different sizes of keyboard</div><div>2. USB hub: facilitate different requirements and expansion functions</div><div>3. Power switch: switch off to extend battery life</div></div></div><div>Second Layer: 3" drawer</div><div>Third & Fourth Layer: 3" medicine bins drawer which can accommodate 5 medicine bins (L23/W11/H7.5cm).</div><div>Fifth Layer: 6" drawer</div><div>Sixth Layer: 9" drawer</div><div>Back side</div><div>2x3" med-box drawer which can accommodate 5 med bins (L23/W11/H7.5cm).</div></div>
Options of Battery Modules	180Wh LiFe or MBM-L220 or MBM-L450 Battery module
Wheels	<div><div>1. Four 5" bearing silencing dust-proof wheels</div><div>2. Each wheel has up to 100 kg loading</div></div>

Five Distinguishing Features



Various Patterns & Colors Available

Ten different colors for your choices and several patterns can be chosen in your favor to decorate the nursing cart.



Scratch Resistance & Durability

The special coating provides resistance to scratching and the metal casing construction ensures the strength of the cart.



Easy to Maintain

Independent battery drawer design saves space and makes it easy to maintain the battery system.

All-in-one

BriteMED provides a total solution of the complete mobile E-Medical Cart system which includes various choices of medication carts, medical panel PCs and medical battery systems.

Customization

BriteMED E-Medical Cart incorporates medical panel PC, medical battery systems and various accessories, such as needle boxes, waste bins, and different kinds of shelves, ensuring the maximum flexibility for different configurations.



White



Cream



Light Blue



Blush Pink



Fresh Green



Lavender



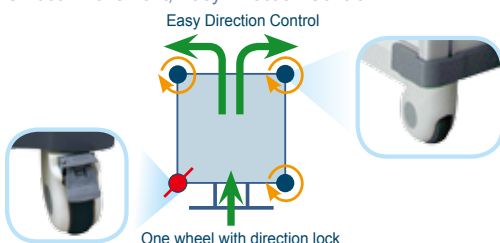
Bright Orange



Children Edition

Cart Wheel

Smooth Movement, Easy Direction Control



Real-time battery status monitoring



Integrated Smart-Card Reader



Ordering Information

Part No.	Description
PCART-N2-PL1-R1	Medication Cart N2 Pink color with 3-inch keyboard drawer x1, 3-inch drawer x1, 3-inch medicine bins drawer x4 (2 in front & 2 in back side) & bin x20, 6-inch drawer x1, 9-inch drawer x1, VESA 75/100 arm, MBM power module, 180Wh LiFe battery pack.
PCART-N2-PL2-R1	Medication Cart N2 Pink color with 3-inch keyboard drawer x1, 3-inch drawer x1, 3-inch medicine bins drawer x4 (2 in front & 2 in back side) & bin x20, 6-inch drawer x1, 9-inch drawer x1, VESA 75/100 arm, MBM-L220 battery module.
PCART-N2-PL4-R1	Medication Cart N2 Pink color with 3-inch keyboard drawer x1, 3-inch drawer x1, 3-inch medicine bins drawer x4 (2 in front & 2 in back side) & bin x20, 6-inch drawer x1, 9-inch drawer x1, VESA 75/100 arm, MBM-L450 battery module.

Optional Accessories

	Part Number	Description
Side Accessories	PCA-VBH-R1	Bottle holder (31x11x8cm) & side rail
	PCA-VMS-R1	Multi-Storage holder (33x13x18cm) & side rail
	PCA-VGD-R1	Glove dispenser holder (26x8x13cm) & side rail
	PCA-VCH-R1	Catheter holder (10x10x48cm) & side rail
	PCA-VIV-R1	IV pole
Needle Box	PCA-VSC-3L-R1	Sharps container (yellow 3L x1) & holder (18x12x11cm) & side rail
	PCA-VSC-R1	Sharps container (red 1.7L x1) & holder (12x12x9cm) & side rail
Waste Bin	PCA-VSB-R1	Metal waste bin (10L x2) (40x17x34cm)
	PCA-VWC-R1	Plastic waste bin with lid (9L x1) & holder (26x15x18cm) & side rail
Drawer Accessories	PCA-DPFD3-R1	3-inch fixed divider set (short x3 & fixed x3 & strip x2)
	PCA-DPFD6-R1	6-inch fixed divider set (short x2 & fixed x2 & strip x2)
	PCA-DMB-R1	3-inch medicine bin (232x113x75mm)

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Optional
Peripherals

pCART-N3

E-Medical Cart

Powered by **BriteMED™**



*Accessories & PC are optional

Features

- Highly-integrated computerized medical cart for mobile healthcare solution
- Compact and lightweight. Easy to use, clean and move
- Integrated battery life LED indicator
- Flexible and solid computer arm for ideal viewing position
- Computer arm for easily adjustable table height
- Long battery life, easy to manage and maintain

Specifications

Model	pCART-N3
Body Size	L: 51cm (±1cm) W: 46cm (±1cm) H: 94cm (±1cm)
Structure	Aluminum-alloy. Each metal sheet is connected by electro-welding instead of screw.
Coating	Powder coating (10 different colors for your choice and garden series stickers for you to decorate your own medical cart) Powder coating provides smooth surface which is easy to clean and sterilize. Caustic agents are as follow. 1. Ethyl alcohol 2. Sodium hypochlorite 3. Isopropanol 4. Formalin 5. Glutaraldehyde 6. Benzalkonium chloride
Working Table	1. ABS surface with seamless design: dirt won't stock and easy to clean and sterilize 2. Concave desktop design: avoid objects falling down 3. Battery status indicator: easy to identify the battery capacity 4. Smart card reader: easy to get patient's info 5. L: 45cm W: 59cm H: 98 cm ~ 100 cm
Side Table	1. Top ABS surface and pull-out area facilitate task processing and regular cleaning 2. Loading weight: up to 8 kg
Computer Arm	1. Three-step arm maximum loading of 12 kg 2. Ergonomic design: easy to adjust direction/height/angle of computer
Drawer	1. Metal material: solid and bump-resistant 2. Powder coating: easy to clean and anti-corrosion 3. Stainless steel slippery track: no noise while pull out the drawer; the drawer can be taken out for cleaning 4. Customized drawer configuration: three sizes for your choice, 3", 6" and 9" (total height of the drawer is 27 inches) 5. Drawer lock: all drawers can be locked to ensure the safety of the items in the drawer; or lock all but not keyboard drawer for operating convenience
Drawer Configuration	First Layer: 1. 3" keyboard drawer: storage space can fit different sizes of keyboard 2. USB hub: facilitate different requirements and expansion functions Second & Third Layer: 3" drawer Fourth & Fifth Layer: 6" & 9" drawer
Options of Battery Modules	MBM-L180 / MBM-L220
Wheels	1. Four 4" bearing silencing dust-proof wheels 2. Each wheel has up to 100 kg loading

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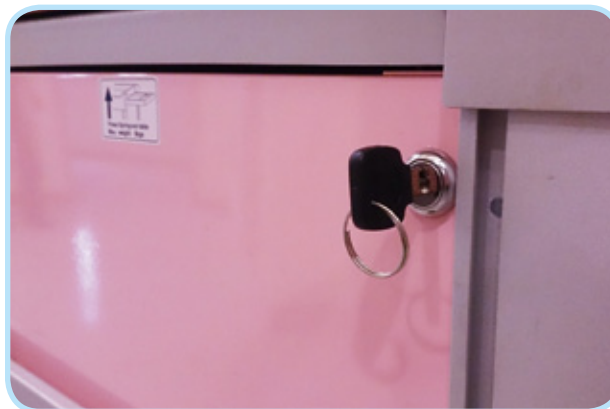
Flexible Arm

Maximum loading of 12 kg



Drawer Lock

Ensure the safety of property



Real-time Battery Status Indicator



Optional Battery Modules



Ordering Information

Part No.	Description
PCART-N3-PL1-R1	Medication Cart N3 Pink color with 3-inch keyboard drawer x1, 3-inch drawers x2, 6-inch drawer x1, 9-inch drawer x1, VESA 75/100 arm, MBM-L180 battery module.
PCART-N3-PL2-R1	Medication Cart N3 Pink color with 3-inch keyboard drawer x1, 3-inch drawers x2, 6-inch drawer x1, 9-inch drawer x1, VESA 75/100 arm, MBM-L220 battery module.

Optional Accessories

	Part Number	Description
Side Accessories	PCA-VBH-R1	Bottle holder (31x11x8cm) & side rail
	PCA-VMS-R1	Multi-Storage holder (33x13x18cm) & side rail
	PCA-VGD-R1	Glove dispenser holder (26x8x13cm) & side rail
	PCA-VCH-R1	Catheter holder (10x10x48cm) & side rail
	PCA-VIV-R1	IV pole
Needle Box	PCA-VSC-3L-R1	Sharps container (yellow 3L x1) & holder (18x12x11cm) & side rail
	PCA-VSC-R1	Sharps container (red 1.7L x1) & holder (12x12x9cm) & side rail
Waste Bin	PCA-VSB-R1	Metal waste bin (10L x2) (40x17x34cm)
	PCA-VWC-R1	Plastic waste bin with lid (9L x1) & holder (26x15x18cm) & side rail
Drawer Accessories	PCA-DPFD3-R1	3-inch fixed divider set (short x3 & fixed x3 & strip x2)
	PCA-DPFD6-R1	6-inch fixed divider set (short x2 & fixed x2 & strip x2)
	PCA-DMB-R1	3-inch medicine bin (232x113x75mm)

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Optional
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pCART-D1

E-Medical Cart

Powered by **BriteMED™**



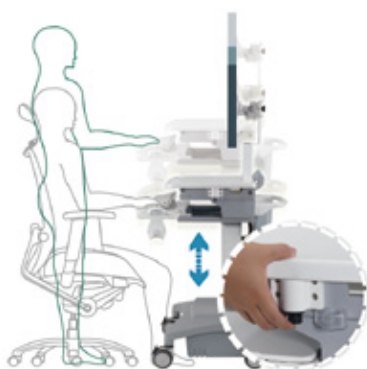
*Accessories & PC are optional

Features

- Highly-integrated computerized medical cart for mobile healthcare solution
- Compact and lightweight. Easy to use, clean and move
- Integrated battery life LED indicator
- Flexible and solid computer arm for ideal viewing position
- Air-pressure spring design for adjusting table height
- Long battery life, easy to manage and maintain



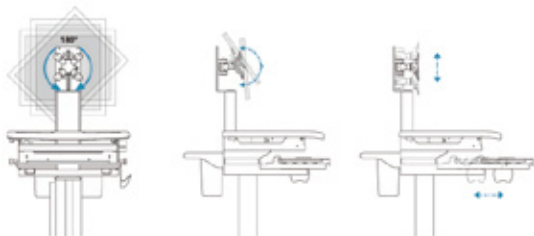
Height Adjustable Table



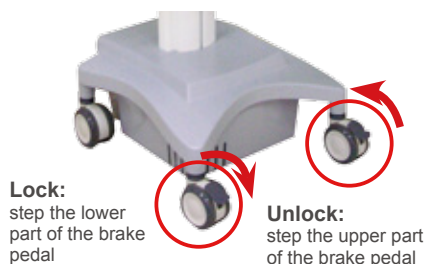
Specifications

Model	pCART-D1
Body Size	L: 52cm (±1cm), W: 54cm (±1cm), H: 150cm (±1cm)
Weight	47 kg
Structure	Aluminum-alloy Each metal sheet is connected by electro-welding instead of screw
Keyboard & Mouse Tray	Mouse plate: right or left pull
Computer Stand	1. VESA 75/100, loading up to 5-10kg 2. Easy to adjust screen height/direction/viewing angle
Accessories Included	1. Handrail 2. Document basket 3. Barcode reader holder
Optional Battery Module	BriteMED MBM L180/ MBM-L220/ MBM-L450
Wheels	1. Four 4" bearing silencing dust-proof wheels 2. Two wheels have brake function

Flexible and Solid Computer Arm



Smooth Movement & Wheels with Brake Plate



Easy to Remove



Ordering Information

Part No.	Description
PCART-D1-WL1-R1	Medical Computer Cart D1 White color with height adjustable desktop 90~120cm, keyboard tray, mouse holder, 4-inch medical grade casters, VESA 75/100 arm, MBM-L180 battery module.
PCART-D1-WL2-R1	Medical Computer Cart D1 White color with height adjustable desktop 90~120cm, keyboard tray, mouse holder, 4-inch medical grade casters, VESA 75/100 arm, MBM-L220 battery module.
PCART-D1-WL4-R1	Medical Computer Cart D1 White color with height adjustable desktop 90~120cm, keyboard tray, mouse holder, 4-inch medical grade casters, VESA 75/100 arm, MBM-L450 battery module.
PCART-D1-W00-R1	Medical Computer Cart D1 White color with height adjustable desktop 90~120cm, keyboard tray, mouse holder, 4-inch medical grade casters, VESA 75/100 arm, reserved space for battery (without battery module)

Optional Accessories

Part Number	Description
PCA-HCA-001-R1	3-inch high drawer with lock, 27x44cm, for PCART-D1.
PCA-HCA-002-R1	Desktop PC holder with belt, 25x15x60cm, for PCART-D1.

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