

Celebrate Humanity with Technology



Medical Monitor



Medical Panel PC



E-Nursing Cart

www.pacsmate.com







nursing applications.



total solution for medication carts to meet the emerging demands in

















Medical Panel PC

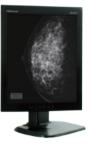




Medical Monitors

High-resolution and high-brightness monitors with precise DICOM calibration are designed for Picture Archiving and Communication System (PACS) applications. With both monochrome and color monitors available, PACSmate provides the MMD series diagnostic monitors for radiology applications and MMC series clinical monitors for medical imaging review.







Model	MMD-5201M	MMD-3213M			
Drive System	a-Si TFT active matrix				
Display Area (H x V)	399.4 mm x 319.5 mm 433.2 mm x 324.9 mm				
Diagnol Size of Display	51 cm (20.1 inches)	54 cm (21.3 inches)			
Resolution (H x V)	2560 x 2048	2048 x 1536			
Pixel Pitch (H x V)	0.156 mm x 0.156 mm	0.2115 mm x 0.2115 mm			
Sub-pixel Pitch (H x V)	0.052 mm x 0.156 mm	0.0705 mm x 0.2115 mm			
Pixel Format	1 pixel consists of 3 sub-	pixels, LCR vertical stripe			
Luminance (Max.)	850 cd/m ²	800 cd/m ²			
Luminance Calibration (Max.)	600 cd/m²	600 cd/m ²			
White Chromaticity	Wx, Wy=(0.280	, 0.304) (typical)			
Contrast Ratio	600:1 (typical)	700:1 (typical)			
Viewing Angle	Right: 85°, Left: 85°, Up: 85	°, Down: 85° (10:1 contrast)			
Response Time (Ton+Toff)	30 ms (typical)	35 ms (typical)			
Polarizer Surface/ Hardness	Anti-gl	lare/2H			
Backlight	12 CCFL 6 CCFL				
Default Gamma	DICOM				
Grayscale	Simultane	eous 12-bit			
LUT	12-bit input to	o 12-bit output			
Signal Input	Dual-link DVI-D (digital)				
USB 2.0 Hub	1 upstream/2 downstream				
Membrane Keypad	Yes				
Input Voltage Range of Power Adapter	110 V ~ 240 V AC				
Input Frequency Range of Power Adapter	47 Hz ~ 63 Hz				
Input AC Current of Power Adapter	0.5 A ~	- 1.25 A			
Power Output of Power Adapter	12 V DC, 8.33 A	A, 100 W (max.)			
Physical Dimensions (H x W x D)		0 mm x 274 mm (portrait) 380 mm x 100 mm (portrait)			
Range of Adjustable Height (with Stand)		mm ~ 590 mm 5 mm ~ 535 mm			
Weight (with Stand)	13 kg 13.2 kg				
Operating Temperature	10°C ~ 35°C				
Storage Temperature	0°C ~	45°C			
Relative Humidity for Operation	30% ~ 75%, non-condensing				
Relative Humidity for Storage/Transportation	10% ~ 95%, non-condensing				
Safety & EMI	UL 60601-1, CE (EN 60601-1-2), FCC Class B, TÜV GM, VCCI, BSMI and CCC				





Model	MMC-2201M	MMC-1190C		
LCD Size (inch)	20.1	19		
Resolution	1600 x 1200	1280x1024		
Max. Brightness (cd/m²)	700 (typical)	300 (typical)		
Contrast Ratio	1000:1 (typical) 1000:1 (typical)			
Color Depth		16.7M colors		
Pixel Pitch (mm)	0.255(H) x 0.255(V)	0.294(H) x 0.294(V)		
Viewing Angle	170°(H)/170°(V)	178°(H)/178°(V)		
Touchscreen (Optional)	N/A	5-wire resistive type (RS-232 interface)		
Video Input Connector	1 x Single-link DVI-D 1 x VGA 1 x Component (YPbPr) 1 x Composite (NTCS/PAL)	1 x Composite (NTSC/PAL) 1 x Component (YPbPr) 1 x S-Video 1 x VGA 1 x DVI-D		
Remote Control	N/A	Auto-dimming & IR remote control function		
Speakers	N/A	2 x 1~3W AMP		
OSD Function	6 x buttons (On/off, Auto, Menu, +, -, Select) 7 x buttons (On/off, Auto, Left, Up Right, Menu)			
LED Function	1 x LED for Power on/off			
Power In	DC 12V in			
Power Adapter	Medical grade, AC 110V~240V to DC 12V			
IP Level	N/A IP 65 compliant front panel			
Physical dimensions (mm) (W x H x D)	With stand: 520 x 380 x 274 (portrait)	Without stand: 469.94 x 382.46 x 67		
Range of Adjustable Height (with Stand)	Portrait: 520mm ~ 590mm Landscape: 465mm ~ 535mm	N/A		
Operating Temperature	10°C ~ 35°C	0°C ~ 40°C		
Storage Temperature	0°C ~ 45°C	-20°C ~ 60°C		
Safety & EMI	UL60601-1 , EN60601	-1 , CE (EN60601-1-2) , FCC Class B		
Preset Gamma	DICOM compliant	DICOM & Gamma 2.2		
Packing List	1 x Power cord 1 x Power adapter 1 x User manual & diver CD 1 x DVI cable (single-link) 1 x VGA cable (DB-15 to DB-15) 1 x VGA cable (DB-15 to BNC) 1 x Component cable (mini-DIN to BNC) 1 x Monitor stand	1 x Power cord 1 x Power adapter 1 x User manual & diver CD 1 x Remote control 1 x Screw set 1 x DVI cable (single-link) 1 x VGA cable (DB-15 to DB-15) 1 x VGA cable (DB-15 to BNC) 1 x Component cable (mini-DIN to BNC) 1 x Component cable (mini-DIN to RCA) 1 x Touch panel RS-232 cable /Touch pen driver CD (WT-R model only)		

E-Nursing Cart

A Total Solution of E-Nursing Cart

E-Nursing Cart

The E-Nursing Cart is the best working partner for nurses. The E-Nursing Cart helps nurses process medical orders effectively, reduce transcription errors and even facilitate the speed of daily nursing workflow to further improve the service quality in hospitals. The highly integrated system greatly reduces the burden of nursing operations, optimizes patient care processes and even improves hospital management capabilities and efficiency.

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.

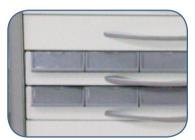


All-in-one

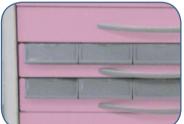
PACSmate provides a total solution of the complete mobile E-Nursing Cart system which includes various choices of medication carts, medical panel PCs and medical battery systems.



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



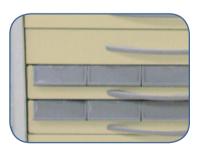
White



Blush Pink



Bright Orange



Cream



Fresh Green



Light Blue



Lavender



Children's Nursing Edition

pCART-N1 / pCART-N2 / pCART-N3



Item	p-CART N1	p-CART N2	p-CART N3		
Body Size	L: 54cm (±1cm) W: 68cm (±1cm) H: 101cm (±1cm)		L: 51cm (±1cm) W: 46cm (±1cm) H: 94cm (±1cm)		
Structure	Aluminum-alloy. Each metal sheet is connected by elec	ctro-welding instead of screw.			
Coating	Powder coating provides smooth surface which is easy 1. Ethyl alcohol 2. Sodium h 3. Isopropanol 4. Formalin	The state of the s	dical cart)		
Working Table	ABS surface with seamless design: dirt won't stock a Concave desktop design: avoid objects falling down Battery status indicator: easy to identify the battery o Smart card reader: easy to get patient's info L: 45cm W: 59cm H: 98 cm ~ 100 cm	,			
Side Table	Top ABS surface and pull-out area facilitate task prod Loading weight: up to 8 kg	cessing and regular cleaning			
Computer Arm	Three-step arm maximum loading of 12 kg 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 3. Power switch: switch off to extend battery life Second Layer: 3" drawer Third & Fourth Layer: 3" med-box drawer which can accommodate 5-7 med boxes (L23/W11/H7.5cm). Layout of the med box can be customized. Fifth Layer: 6" drawer Sixth Layer: 9" drawer	First Layer: 1. 3" keyboard drawer: storage space can fit different sizes of keyboard 2. USB hub: facilitate different requirements and expansion functions 3. Power switch: switch off to extend battery life Second Layer: 3" drawer Third & Fourth Layer: Front and back have 3" medbox drawers which can accommodate 5" med boxes each (L23/W11/H7.5cm). Layout of the med box can be customized. Fifth Layer: 6" drawer Sixth Layer: 9" drawer	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	MBM-P940+Pb / MBM-L180 / MBM-L220 / MBM- L450		MBM-L180 / MBM-L220		

1. Four 5" bearing silencing dust-proof wheels

2. Each wheel has up to 100 kg loading

Battery Modules

Wheels

1. Four 4" bearing silencing dust-proof wheels

2. Each wheel has up to 100 kg loading

E-Nursing Cart

pCART-D1

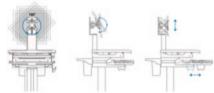


The pCART-D1 e-medical cart is a highly integrated mobile medical cart with touch panel PC and battery module. It facilitates healthcare process and increases the efficiency that doctors can get the correct patient data and record patient's information right away. The pCART-D1 provides a total solution for optimizing the patient care process and offers high quality healthcare service for patients.

Item	Content
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	VESA 75/100, loading up to 5-10kg Easy to adjust screen height/direction/viewing angle
Accessory	Handrail Document basket Barcode reader holder
Battery Module	MBM-P280 / MBM-L180 / MBM-L220 / MBM- L450 (refer to page 10 for details)
Wheels	Four 4" bearing silencing dust-proof wheels Two wheels have brake function

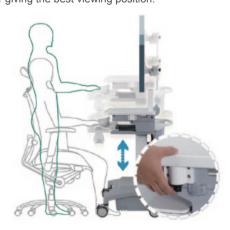
Flexible and Solid Computer Arm

- 1. The arm is VESA compliant (75 mm and 100 mm) and supports work load up to 8-15 kg without sacrificing any space.
- 2. It is easy to adjust screen height, direction and angle. The user can adjust to an ideal position for viewing.



Height Adjustable Table

Air-pressure spring design makes it easy to adjust the height to 90-120cm for giving the best viewing position.



Wheel with Brake Plates

Two separate footplates: easy to brake the cart. Each wheel can load up to 100 kg weight and can resist acid alkaline and corrosion.



Easy to Take Down Computer

Remove the screws and bracket, and pull the panel PC upward (see the picture on the right).



Smooth Movement

Four 4" bearing silencing dust-proof wheels can lower the coefficient of ball friction and lead to smooth movement.



IBS-19A

Powered by iEi

Integrated with the innovative full color LED dash light and programmable warnings, the IBS-19A implements the LED light notifications into the medical workflow. In addition, the DICOM calibration of LCD display provides the possibility of displaying medical images, including CT, MRI or X-Ray pictures. The all-in-one design, integrating a smart card reader, RFID and high-brightness LED reading light, facilitates nurses to streamline the working procedure.



Model		IBS-19A		
СРИ		Intel® Core™ i5 2390T, 2.7GHz Intel® Core™ i3 2100T, 2.5GHz Intel® Pentium® G620T, 2.2GHz		
Chipset		Intel® H61 Express Chipset		
RAM Slot		Two 13	33 MHz DDR3 SO-DIMMs System max. 4GB	
	LCD Size		19"	
	Resolution		1280 x 1024	
	Brightness (cd/m2)		300	
	Backlight	LED		
	Contrast Ratio	2000		
	Viewing Angle	89/89/89		
Display	Operation Lifetime (hrs)		50000	
		Grayscale Mode	- DICOM GSDF Clear Base 6500K	
		Grayscale Mode	e - DICOM GSDF Blue Base 9300K	
		Color N	Mode - Gamma 2.2 6500K	
	Gamma Table	Color N	Mode - Gamma 2.2 9300K	
		Color Mode - I	DICOM GSDF Clear Base 6500K	
		Color Mode -	DICOM GSDF Blue Base 9300K	
Touchscreen		5-wire resistive type		
Nireless	Wi-Fi	802.11a/b/g/n dual-band 2.4 GHz/5 GHz		
	HDD	1 x 2.5" SATA HDD		
Drive Bay	ODD	1 x Slim DVD RW 24x		
	Backward I/O Set	1 x External power switch connecto		
I/O Ports	Downward I/O Set	1 x RS-422/485 1 x RS-232 2 x RJ-45 GbE LAN 1 x HDMI 2 x USB 2.0	1 x RJ-45 GbE LAN 1 x Mic-in 1 x Line-out 1 x AT/ATX switch 1 x Reset button	
	Webcam	1280 x 1024 CMOS camera		
	Microphone	Stereo		
Audio/Video	Speakers	2 x 3W		
	Handset	Optional handset with speaker and microhpne		
	Digital TV Tuner	Optional DVB-T		
	Upper	2	26 x True color LED	
LED Dash Light	Left	2	20 x True color LED	
	Right	2	20 x True color LED	
Den Kov		6-key touch sensor pad		
OSD Key		Programmable function key		
RFID		Optional Mifare 13.56 MHz RFID reader		
Smart Card Reader		Optional ISO7816-1/2/3 card reader		
Remote Control		Infrared remote control for OSD display		
D	DC Input		9~28 V DC	
Power	External Adaptar	130W 90~264 V@AC to 12V@DC		
IP Level		IP 65 compliant front panel		
Operating Temperature		0°C ~ 40°C		

Medical Panel PC

POC-W22A-H81

Lightweight and stylish all-in-one medical computers provide integrated healthcare solutions and clinical information system, turning the point of care into a fully collaborative environment. The POC-W22A does really improve healthcare experience through increasing working efficiency with bigger and lighter system and improve data accuracy with RFID peripherals. In addition to the IP65 waterproof and dustproof front panel, the POC-W22A has antibacterial cover for safety and clean medical environment.





Model		POC-W22A-H81		
	LCD Display	W21.5" (16:9)		
	Max Resolution	1920 (W) x 1080 (H)		
	Brightness (cd/m²)	250		
LCD Considerations	Contrast Ratio	1000 : 1		
LCD Specifications	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		
Toucii	Touch Controller	EETI EXC7200		
	CPU Support	Intel® 4th generation Core™ i5/i3 or Celeron® CPU		
	Chipset	Intel® H81		
	RAM	2 x DDR3 SO-DIMM (system max. 16 GB)		
System	I/O Port	1 x RS-232/422/485 2 x GbE LAN by RJ-45 1 x Line-out 1 x VGA		
.,	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		
	EM and Mifare RFID	Optional: EM 125 KHz or Mifare 13.56 MHz card reader		
Other Features	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		
	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)		
Connectivity	Wireless	IEEE 802.11a/b/g/n 3T3R module (WIFI-RT3593-DB-R10)		
	Construction Material	ABS+PC plastic with anti-bacterial material		
Physical	Mounting	VESA 100 x 100		
	Dimensions (WxHxD)	540 mm x 348 mm x 50 mm		
Environment	Operating Temperature	0°C~40°C		
/!! •!!!!!	IP Level	IP65 compliant front panel		
	Power Input	9V~30V DC input		
Power	Power Adapter	120W medical power adapter: Input: 100V~240V AC, Output: 19 V DC		

Medical Panel PC

POC-17i/POC-19i

High-performance and high-quality all-in-one medical computers provide maximum efficiency for the medical environment and are designed to be maintained with ease. Featuring the waterproof front panel and the anti-bacteria housing, the medical panel PC ensures the cleaning and disinfection processes are easily applied on daily basis. Compliance with medical safety requirements enables the medical panel PC to be deployed to the medical environment with high reliability and security.











Powered by iEi



Model	POC-17i	POC-19i
Wodel	1 00-171	1 00-131

	LCD Size	17"	19"			
	Max Resolution	1280 (W) x 1024 (H)	1280 (W) x 1024 (H)			
	Brightness (cd/m²)	380	350			
LCD Touch Specification	Contrast Ratio	800:1	1000:1			
	LCD Color	16.7M	16.7M			
	Viewing Angle (H-V)	170/160	170/160			
	Touchscreen	5-wire resistive type	5-wire resistive type			
	СРИ	Socket G (PGA989A) Intel® Arrandale processor Intel® Core™ i7-620M 2.66G / Core™ i5-520M 2.4G / Core™ i3-350M 2.26G / Celeron® P4500 1.86G				
	Chipset	Intel®	HM55			
	Memory	Two 204-pin 800/1066 MHz DDR3 dual-	channel SO-DIMMs (system max. 8GB)			
System	IO 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 f	or SATA storage devices			
	Audio	AMP 3W + 3W (internal speaker)				
	Membrane Keypad	LCD on/off, brightness up/down, volume up/down				
	LED Function	1 x Power on/off LED on front panel				
Wireless	Wi-Fi	1 x 802.11a/b/g/n Wi-Fi module (i	internal PCIe Mini card interface)			
	Construction Material	Anti-bacteria plastic front frame				
Physical	Mounting	Panel, wall, rack, stand and arm (VESA 100 mm x 100 mm)	Panel, wall, stand and arm (VESA 100 mm x 100 mm)			
- Hydrodi	Net Weight	6.0 kg	6.2 kg			
	Dimensions (WxHxD) (mm)	428 x 350 x 76	470 x 383 x 79			
	Operating Temperature	0°C ~ 50°C	0°C ~ 50°C			
Environment	Storage Temperature	-20°C ~ 60°C	-20°C ~ 60°C			
	IP Level	IP 64 compliant front frame				
Power	Power Requirement	12V DC				

ICEFIRE Series

Powered by iEi

Lightweight and compact mobile touch medical tablet PC facilitates doctor's working procedure that doctors can directly get patient information and record patient's condition at any time. Two replaceable batteries of ICEFIRE with hot-swap capability ensure the system to continuously operate 24 hours a day without interruption. As a multifunctional portable medical tablet, ICEFIRE also integrated camera with flashlight, fingerprint reader, and light torch for dark environment.





CO Size Co Co Co Co Co Co Co C	Model		ICEFIRE			ICEFIRE 2			
LED Size			ICEFIRE-T10A-HU/2G-		ICEFIRE-T10A-ET/2G-	ICEFIRE2-T10-		ICEEIDES TAS ET DAG	
Brightness (cdmr) 350 cdmr 330 cdmr 324 x 788 pixels XGA 1024 x 788 pixels			32S-R11	32S-R10	32S-R10	HU-R10	ICEFIREZ-110-1R-R10	ICEFIREZ-110-E1-R10	
Max Resolution 1024 x 788 pixels XGA 1026 x 788 pixels XGA 1024 x 188		LCD Size		10.4" TFT LCD			10.4" TFT LCD		
		Brightness (cd/m²)	350 cd/m²			350 cd/m ²			
Touchscreen Resistive type, supporting multi touch and gesture		Max Resolution		1024 x 768 pixels XGA		1024 x 768 pixels XGA			
Digitizer 256 levels @ full scale pressure resolution N/A N/A 2046 levels@ full scale pressure resolution N/A N	Display	Viewing Angle		88/88/88/88 deg		88/88/88 deg			
CPU		Touchscreen							
Chipset Intel® (CHBM		Digitizer	_	N/A	N/A		N/A	N/A	
		CPU	1.8GHz Intel® Atom™ D525						
Memory 1333MHz 2GB DDR3 SDRAM 1333MHz 4GB DDR3 SDRAM Storage 32GB SSD mSATA 8G SLC		Chipset	Intel® ICH8M			Intel® NM10			
Storage 32GB SSD	System	Operating System	Microsoft® Win	dows® Embedded Stand	ard 7 P (WS7P)	Microsoft® Windows® Embedded Standard 7 P (WS7P)			
Wireless LAN Wi-Fi 802.11a/bly/n Bluetooth Bluetooth Bluetooth V2.1 EDR (Class 2) Bluetooth V3.0 + EDR (Class 2)		Memory	13	33MHz 2GB DDR3 SDR	AM	13	333MHz 4GB DDR3 SDR	AM	
Distriction Bluetooth Modem WCDMA/HSUPA N/A N/A N/A WCDMA/HSUPA N/A N/A N/A WCDMA/HSUPA N/A N/A N/A N/A N/A N/A N/A WCDMA/HSUPA N/A N/A		Storage		32GB SSD			mSATA 8G SLC		
Modem		Wireless LAN		Wi-Fi 802.11a/b/g/n			Wi-Fi 802.11b/g/n		
Camera Barcode 13.56 MHz RFID with ISO15693 and ISO14443A/B compliant N/A 13.56 MHz RFID with ISO 15693 and 14443A/B compliant N/A 13.56 MHz RFID with ISO 15693 and 14443A/B compliant N/A N/A	Communication	Bluetooth	Blu	uetooth v2.1+ EDR (Class	s 2)	Blu	uetooth v3.0 + EDR (Class	s 2)	
Barcode 1D/2D Imager Scan Engine N/A 1D/2D Imager Scan Engine N/A 13.56 MHz RFID with ISO 15693 and 14443A/B SO 14443A/B compliant SO 14443A/B compliant SO 14443A/B compliant SO 14443A/B compliant N/A SO 15693 and 14443A/B N/A N/A		Modem	WCDMA/HSUPA	N/A	N/A	WCDMA/HSUPA	N/A	N/A	
N/A		Camera			3-megapixel	and LED Light			
N/A 13.56 MHz RFID with ISO15693 and ISO14443A/B compliant N/A 13.56 MHz RFID with ISO15693 and ISO14443A/B compliant N/A 13.56 MHz RFID with ISO15693 and 14443A/B N/A N/A ISO14443A/B compliant N/A N/	Data Collection	Barcode	1D/2D Imager Scan Engine		N/A	1D/2D Imager Scan Engine N/A		N/A	
LED Indicators Power/Wi-Fi/Bluetooth/RFID/battery status LED Dever/Wi-Fi/Bluetooth/ battery status LED S-way navigation key/barcode scanner/RFID/LED torch/camera/Wi-Fi/Bluetooth/SAS function keys S-way navigation key/barcode scanner/RFID/LED torch/camera/Wi-Fi/Bluetooth/SAS function keys Dinterface USB	Data Collection	RFID			N/A	N/A		N/A	
Section Sect	Fingerprint Reader		Yes	Yes	N/A	Yes	Yes	N/A	
S-way navigation key/ Secondary Seco		LED Indicators	Power/Wi-Fi/Bluetooth/RFID/battery status LED			Power/Wi-Fi/Bluetooth/RFII /hattery status LFI)		Power/Wi-Fi/Bluetooth battery status	
USB	Indicators & Buttons	Keys	LED torch/camera/Wi-Fi/Bluetooth/SAS function		key/camera/Wi-Fi/ Bluetooth/SAS function	barcode scanner/RFID/LED torch/camera/Wi-Fi/ Bluetooth/SAS function keys Bluetooth/SAS function keys		5-way navigation key/camera/Wi-Fi/ Bluetooth/SAS function keys	
Audio		USB	·				1 x USB 3.0	.,	
Audio		LAN					1 x 10/100/1000 Mbps		
Power Adapter	I/O Interface	Audio		•	n		•	n	
Ower Adapter 19V @ 4.74A @ 90W 19V @ 4.74A @ 90W Battery Dual 11.1V 1880mAh Li-ion battery Dual 11.1V 1880mAh Li-ion battery Operating Temperature 0°C ~ 40°C 0°C ~ 40°C Storage Temperature -10°C ~ 60°C -10°C ~ 60°C Humidity 5% ~ 95%, non-condensing 5% ~ 95%, non-condensing Prop Survival 90 cm 90 cm Environmental Protection IP 64 compliant front panel IP 64 compliant front panel Certifications CE/FCC, medical-grade Class B EN G0601-1/EN60950 CE/FCC CE/FCC <t< th=""><th></th><th>LED Torch</th><th>1 x LED torch</th><th>1 x LED torch</th><th>N/A</th><th>1 x LED torch</th><th>1 x LED torch</th><th>N/A</th></t<>		LED Torch	1 x LED torch	1 x LED torch	N/A	1 x LED torch	1 x LED torch	N/A	
Ower Adapter Adapter 19V @ 4.74A @ 90W 19V @ 4.74A @ 90W Battery Dual 11.1V 1880mAh Li-ion battery Dual 11.1V 1880mAh Li-ion battery Operating Temperature 0°C ~ 40°C 0°C ~ 40°C Storage Temperature -10°C ~ 60°C -10°C ~ 60°C Humidity 5% ~ 95%, non-condensing 5% ~ 95%, non-condensing Prop Survival 90 cm 90 cm Environmental Protection IP 64 compliant front panel IP 64 compliant front panel Certifications CE/FCC, medical-grade Class B EN 60601-1/EN60950 CE/FCC CE/FCC CE/FCC CE/FCC CE/FCC Physical Protection Dimensions (LxWxH) (mm) 270 x 265 x 29 270 x 265 x 29 270 x 265 x 29		Power Adapter		12V @ 5A @ 60W					
Battery	Power	_							
Temperature			Dual	11.1V 1880mAh Li-ion ba	attery	Dual 11.1V 1880mAh Li-ion battery			
Temperature									
Drop Survival 90 cm 90 cm 90 cm		· ·		-10°C ~ 60°C			-10°C ~ 60°C		
Environmental Protection IP 64 compliant front panel IP 64		Humidity	5	5% ~ 95%, non-condensin	ng	5% ~ 95%, non-condensing			
Protection	Environment	Drop Survival		90 cm			90 cm		
Certifications grade Class B EN grade Class B EN CE/FCC CE/FCC CE/FCC CE/FCC			I				IP 64 compliant front panel		
hysical (LxWxH) (mm) 270 x 265 x 29 270 x 265 x 29		Certifications	grade Class B EN	grade Class B EN	CE/FCC	CE/FCC	CE/FCC	CE/FCC	
haracteristics	Physical			270 x 265 x 29		270 x 265 x 29			
	Characteristics	Weight	1.7 kg	1.7 kg	1.6 kg	1.7 kg	1.7 kg	1.6 kg	

Medical Battery Systems

MBM Series

The MBM series medical battery systems are designed with normal a 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 UL60601, EN60601 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.

