Bayint®

MEDICAL MOBILITY

Medical Mobility Portfolio

Modular Medical Carts On the Move.



C23

Medical computer



M6

Ward-round cart



RM6Y

Telemedicine cart



H7

Nursing cart



H6

Nursing cart



F7

Billing workstation

Images show example configurations. Equipment, software and accessories are supplied as agreed.

Bayint Medical | Deby Liao

WhatsApp / Tel: +86 185 6577 1898

www.bayint.com

Modular Medical Carts On the Move.

deby@bayint.com

Medical All-in-One Computer

C23



Fanless natural-convection cooling

Natural-convection cooling keeps the computer quiet without a cooling fan. Designed for clinical workspaces where low noise and easy routine cleaning matter.

Antimicrobial enclosure

An aluminum-alloy enclosure with an antimicrobial coating. The specified protection ratings are IP65 at the front and IPX2 for the body. Follow the approved cleaning procedure for the selected configuration.

Quiet operation

Fanless operation eliminates cooling-fan noise, helping maintain a quieter workspace.

Reading light

An integrated reading light with blue-light and UV filtering. Specified color rendering index: above 94.

Electrical protection

The platform includes ESD and leakage-current protection. Specified ESD range: 8-15 kV. Confirm the applicable EMC and electrical-safety documentation for the complete system.

Optional UPS power

Optional UPS management supports operation away from a wall outlet. A compatible cart battery can extend operating time; runtime depends on the battery, computer and connected devices.

Optional mobile connectivity

Optional internal 4G or 5G connectivity with an externally accessible SIM-card slot.

Device connectivity

Two Gigabit Ethernet ports and serial interfaces connect the computer to compatible equipment and the local network.

Images show example configurations. Equipment, software and accessories are supplied as agreed.

Bayint Medical | Deby Liao
WhatsApp / Tel: +86 185 6577 1898
www.bayint.com
deby@bayint.com

Medical Computer Specifications

C23

COMPUTING & CONNECTIVITY

Processor	i5-class processor; 6th-10th generation options
Memory	8 / 16 / 32 GB DDR4
Storage	128 / 256 / 512 GB SSD
Display	21.5-inch TFT LCD; 1920 x 1080
Ethernet	2 Gigabit ports; 10/100/1000 Base-T LAN
Wi-Fi	802.11ac; 2.4 / 5 GHz dual band
Wireless peripheral link	Short-range wireless: version 4.0 LE
Cellular (optional)	Internal 4G / 5G module; external SIM slot
Touch (optional)	Capacitive touchscreen
Operating systems	Confirm OS version and application compatibility
Audio	Built-in speakers

EXTERNAL INTERFACES

USB	2 x USB 3.0; 4 x USB 2.0
Serial / video	2 x COM; 1 x HDMI out; 1 x VGA out
Network / power	2 x RJ45; 1 x power socket
Audio sockets	1 x 3.5 mm headphone; 1 x 3.5 mm microphone

CONSTRUCTION & OPERATING CONDITIONS

Cooling / enclosure	Fanless, quiet cooling; antimicrobial-coated aluminum alloy
Battery (optional)	6-8 h use; >8 h screen-off standby; load-dependent
Power adapter	Input: AC 100-240 V Output: DC 19 V, 4.74 A / 7.9 A
Materials	ABS, antimicrobial plastic and aerospace-grade aluminum alloy
Net weight	6.8 kg without battery; 7.8 kg with battery
Gross weight	8.3 kg without battery; 9.3 kg with battery
Computer size	514 (L) x 338 (H) x 55 (D) mm
Carton size	620 (L) x 470 (H) x 232 (D) mm
Mounting	100 x 100 mm VESA
Temperature	Operating: 0-40°C; storage: -20 to 60°C
Humidity	0-90%, non-condensing
Compliance references*	CCC / CECP / CE / FCC / RoHS; battery documents: MSDS / UN38.3. Confirm applicability to the selected configuration.

Images show example configurations. Equipment, software and accessories are supplied as agreed.

Bayint Medical | Deby Liao
WhatsApp / Tel: +86 185 6577 1898
www.bayint.com
deby@bayint.com

Medical Ward-Round Cart

M6



Computing options

Select an all-in-one computer for bedside charting and mobile clinical work. Dual-band wireless networking is available, with optional 4G / 5G. The specified computer platform includes 8 / 16 kV ESD protection and EMC Class B performance.

Modular, integrated construction

Modular mounting channels accept drawers, baskets and compatible accessories. A keyboard tray stores beneath the worktop, while the base houses the DC UPS. Aluminum alloy and engineered plastic keep the structure manageable during ward rounds.

DC UPS power system

A low-voltage DC power system supplies compatible devices and supports charging during use. The battery assembly combines lithium iron phosphate cells, sensor-based protection and a metal enclosure. Confirm output ratings against the intended equipment load.

Pearl-white finish

A smooth pearl-white finish is designed for routine cleaning and resistance to everyday wear. Use cleaning agents approved for the supplied surface finish.

Ergonomics & quiet mobility

Electric worktop adjustment and a separately adjustable computer mount support seated and standing work. Four 4-inch twin-wheel casters provide smooth movement; the two front casters have brakes.

Optional modules

Choose a computer, drawers, baskets and nursing accessories to suit the workflow. Customer-specific mounting modules can be evaluated as part of an OEM project.

Images show example configurations. Equipment, software and accessories are supplied as agreed.

Bayint Medical | Deby Liao
WhatsApp / Tel: +86 185 6577 1898
www.bayint.com
Modular Medical Carts On the Move.
deby@bayint.com

Powered Nursing Cart

H6



Computing options

Select an all-in-one computer for bedside charting and mobile clinical work. Dual-band wireless networking is available, with optional 4G / 5G. The specified computer platform includes 8 / 16 kV ESD protection and EMC Class B performance.

Modular, integrated construction

Modular mounting channels accept drawers, baskets and compatible accessories. A keyboard tray stores beneath the worktop, while the base houses the DC UPS. Aluminum alloy and engineered plastic keep the structure manageable during ward rounds.

DC UPS power system

A low-voltage DC power system supplies compatible devices and supports charging during use. The battery assembly combines lithium iron phosphate cells, sensor-based protection and a metal enclosure. Confirm output ratings against the intended equipment load.

Pearl-white finish

A smooth pearl-white finish is designed for routine cleaning and resistance to everyday wear. Use cleaning agents approved for the supplied surface finish.

Ergonomics & quiet mobility

Electric worktop adjustment and a separately adjustable computer mount support seated and standing work. Four 4-inch twin-wheel casters provide smooth movement; the two front casters have brakes.

Optional modules

Choose a computer, drawers, baskets and nursing accessories to suit the workflow. Customer-specific mounting modules can be evaluated as part of an OEM project.

Images show example configurations. Equipment, software and accessories are supplied as agreed.

Bayint Medical | Deby Liao
WhatsApp / Tel: +86 185 6577 1898
www.bayint.com
deby@bayint.com

Modular Nursing Cart

H5



Computing options

Select an all-in-one computer for mobile documentation. Dual-band wireless networking and optional 4G / 5G support connectivity. The specified platform includes 8 / 16 kV ESD protection and EMC Class B performance. A DC UPS can be selected to match the application.

Integrated, lightweight design

A pull-out keyboard tray stores beneath the worktop. Modular drawers and side accessories organize everyday supplies and can be configured to suit the care setting.

Pearl-white finish

A smooth pearl-white finish is designed for routine cleaning and resistance to everyday wear. Use cleaning agents approved for the supplied surface finish.

Ergonomics & quiet mobility

Adjust the computer mount for a comfortable viewing position. Four 4-inch twin-wheel casters support quiet movement, with brakes on the two front casters.

Optional modules

Available options include a computer, sharps container, utility basket and waste bin. Confirm drawer layout, accessory positions and equipment mounting when requesting a quotation.

Images show example configurations. Equipment, software and accessories are supplied as agreed.

Bayint Medical | Deby Liao
WhatsApp / Tel: +86 185 6577 1898
www.bayint.com
deby@bayint.com

Modular Nursing Cart

H7



Computing options

Select an all-in-one computer for mobile documentation. Dual-band wireless networking and optional 4G / 5G support connectivity. The specified platform includes 8 / 16 kV ESD protection and EMC Class B performance. A DC UPS can be selected to match the application.

Integrated, lightweight design

A pull-out keyboard tray stores beneath the worktop. Modular drawers and side accessories organize everyday supplies and can be configured to suit the care setting.

Pearl-white finish

A smooth pearl-white finish is designed for routine cleaning and resistance to everyday wear. Use cleaning agents approved for the supplied surface finish.

Ergonomics & quiet mobility

Adjust the computer mount for a comfortable viewing position. Four 4-inch twin-wheel casters support quiet movement, with brakes on the two front casters.

Optional modules

Available options include a computer, sharps container, utility basket and waste bin. Confirm drawer layout, accessory positions and equipment mounting when requesting a quotation.

Images show example configurations. Equipment, software and accessories are supplied as agreed.

Bayint Medical | Deby Liao
WhatsApp / Tel: +86 185 6577 1898
www.bayint.com
deby@bayint.com

Telemedicine Workstations

RM6I / RM6Y



RM6I | Single screen



RM6Y | Dual screen

Medical computer platform

A fanless all-in-one computer brings video consultations and clinical applications to the point of care. Select the computer and cart configuration to match the required software and peripherals.

Cleanable enclosure

The computer enclosure has an antimicrobial coating, with a specified IP65 front panel and IPX2 body. Follow the approved cleaning instructions for the selected system.

Medical device connections

Dual Gigabit Ethernet and serial interfaces support compatible medical peripherals. Specified computer-platform protection: 8 / 16 kV ESD and EMC Class B.

Display configurations

RM6I: single-screen workstation.
RM6Y: dual-screen workstation.

Pearl-white finish

A smooth pearl-white finish is designed for routine cleaning and resistance to everyday wear. Use cleaning agents approved for the supplied surface finish.

DC UPS power system

A low-voltage DC power system supplies compatible devices and supports charging during use. The battery assembly combines lithium iron phosphate cells, sensor-based protection and a metal enclosure. Confirm output ratings against the intended equipment load.

Integrated conferencing

A pan-tilt-zoom camera and full-duplex audio support remote consultations. Camera and audio specifications are listed on the following page.

Images show example configurations. Equipment, software and accessories are supplied as agreed.

Bayint Medical | Deby Liao
WhatsApp / Tel: +86 185 6577 1898
www.bayint.com
deby@bayint.com

Telemedicine Video & Audio

RM6I / RM6Y



High-definition imaging

A 1/2.8-inch, 5-megapixel image sensor and 12x optical lens provide Full HD video output at 1920 x 1080, 30 fps.

Zoom & field of view

12x optical zoom plus 12x digital zoom; 72.5° horizontal field of view.

Image processing

Wide dynamic range (WDR), 3D noise reduction and other functions are adjustable through the on-screen display menu.

PTZ mechanics

Motorized pan, tilt and zoom support smooth camera positioning, with autofocus for changing viewing distances.

Camera control

FECC far-end control; VISCA and UVC 1.5 protocols; RS232 / USB control; 128 presets. Image flip supports upright or inverted mounting. Remote firmware updates are supported.

USB connection

USB 3.0 output uses one USB cable to connect to a computer for video-conferencing software.

Full-duplex audio

Echo cancellation, dynamic noise suppression and automatic gain control support hands-free, full-duplex calls through a computer or video-conferencing system.

Microphone coverage

Built-in microphone with 360° pickup and a 2 m pickup radius.

Conferencing software

Connects to compatible USB video-conferencing applications. Confirm camera, audio and software compatibility for the intended computer platform.

Private calls & operating systems

A headphone connection supports private calls. Confirm operating-system, driver and conferencing-software compatibility before ordering.

Images show example configurations. Equipment, software and accessories are supplied as agreed.

Bayint Medical | Deby Liao
WhatsApp / Tel: +86 185 6577 1898
www.bayint.com
deby@bayint.com

Height-Adjustable Medical Carts

M6-D / M6-Q



Illustrative configurations

Illustrative configurations

Height-adjustment options

M6-D: electric-actuator version.
M6-Q: gas-spring version.

Modular expansion

Modular mounting channels allow compatible accessories and equipment mounts to be fitted as the application develops.

Integrated worktop

The keyboard tray stores beneath the worktop. A base-integrated DC UPS is available for the electric version; this option is not offered for the gas-spring version. Cellular connectivity is an optional computer feature.

Pearl-white finish

A smooth pearl-white finish is designed for routine cleaning and resistance to everyday wear. Use cleaning agents approved for the supplied surface finish.

Lightweight construction

An aluminum-alloy frame and engineered-plastic components keep the cart easy to maneuver between work areas.

Optional modules

Specify the computer, utility baskets, sharps container, waste bin and equipment mounts required for your workflow. Accessory selection is confirmed with the order.

Images show example configurations. Equipment, software and accessories are supplied as agreed.

Bayint Medical | Deby Liao
WhatsApp / Tel: +86 185 6577 1898
www.bayint.com
deby@bayint.com

Mobile Billing Workstation

F7



Integrated workstation body

A steel-and-plastic body provides dedicated positions for the computer, printers and cash-handling equipment. ABS covers the worktop and body surfaces.

Mobile computer system

An all-in-one computer supports mobile registration and billing. Select processor, memory, storage and connectivity to suit the intended application.

Medical device connectivity

Dual Gigabit Ethernet and serial interfaces connect compatible peripherals and local network equipment.

Network system

Dual Gigabit Ethernet and wireless networking support mobile workflows. A high-gain antenna is specified at 5 dBi or above. Optional 4G / 5G provides an external SIM slot and SA / NSA network support.

Lithium-battery power

An integrated lithium-battery system supports work away from a wall outlet. Additional battery capacity can be evaluated for longer operating periods.

Cashier equipment

The illustrated arrangement includes positions for a banknote detector, dot-matrix printer, laser printer and cash drawer, with space for a payment terminal and receipt printer. Confirm supplied equipment in the quotation.

Optional recording

An optional camera supports loop recording where required by the application.

Handling & mobility

Front and rear handles allow the cart to be moved from either side. Four swivel casters support maneuvering, with brakes on at least two casters.

Images show example configurations. Equipment, software and accessories are supplied as agreed.

Bayint Medical | Deby Liao
WhatsApp / Tel: +86 185 6577 1898
www.bayint.com
deby@bayint.com

Billing Workstation Specifications

F7

COMPUTER & NETWORK

Processor	i5-class processor; 6th-10th generation options
Memory	8 / 16 / 32 GB DDR4
Storage	128 / 256 / 512 GB SSD
Display	21.5-inch TFT LCD; 1920 x 1080
Network	Dual Gigabit Ethernet, 10/100/1000; 2.4 / 5 GHz dual band
Wireless peripheral link	Short-range wireless: version 4.0 LE
Cellular (optional)	Internal 4G / 5G; external SIM slot
Touch (optional)	Capacitive touchscreen
Operating systems	Confirm OS version and application compatibility

BODY & HANDLING

Overall cart size	795 x 500 x 1000 mm
Worktop dimensions	500 mm wide x 750 mm deep; 1000 mm worktop height
Construction	One-piece plastic / steel body; ABS-covered worktop and body
Mobility	4 quiet swivel casters; brakes on at least 2

BATTERY & POWER

Battery location	Battery and battery enclosure inside the base
Battery life	Specified at least 2,500 cycles; confirm test conditions and retained capacity
Operating time	Specified at least 8 hours; depends on equipment load and battery condition
Low-battery alarm	Buzzer sounds below 20% capacity
Auto shutdown	Automatic shutdown below 10% capacity
Battery protection	Over-discharge protection
Output power	1,000 W continuous; 2,000 W peak

PRINTING UNITS

Dot-matrix printer	Compatible unit within 450 x 320 x 210 mm; power no more than 500 W
Laser printer	Compatible monochrome unit within 400 x 240 x 250 mm; power no more than 500 W

Images show example configurations. Equipment, software and accessories are supplied as agreed.