

M100 Electric Medical Computer Cart

One cart. A configuration built around your workflow.



Electric lift

795-1145 mm worktop height; 350 mm travel

Mobile platform

4-inch twin-wheel casters; two front brakes

Configurable equipment

Drawers, computer, camera, audio equipment and battery are optional

Configured cart shown. Computer, camera, audio equipment, drawers and battery are optional. Final inclusions are specified in your quotation.

Bayint | Shenzhen Beintek Technology Co., Ltd.

Base cart specifications

Model	M100
Height adjustment	Electric lift; worktop height 795-1145 mm; 350 mm travel
Worktop	500 x 475 mm
Construction	Aluminum alloy, steel and modified engineering plastic
Display compatibility	15-28 inch displays; maximum display load 8 kg
VESA mounting	75 x 75 mm and 100 x 100 mm
Display mount adjustment	90 mm manual vertical adjustment; horizontal rotation greater than 180 degrees; tilt +/-15 degrees
Base footprint	484 x 408 mm between wheel centers
Casters	Four 4-inch twin-wheel casters; two front wheel brakes
Cart weight	30 kg or less; selected accessories affect total system weight

Included platform: M100 cart. Select optional accessories separately. Cart weight and dimensions must be evaluated with the final equipment configuration.

Configure your M100

Drawers	Optional storage; confirm drawer configuration with your quotation
Computer	Optional computer and display configuration
Camera	Optional PTZ camera for video consultation
Audio equipment	Optional microphone / speakerphone equipment
Battery	Optional lithium iron phosphate battery; reference capacity 288 Wh; up to 24 hours runtime, depending on equipment load and use

Battery runtime

Up to 24 hours with an optional battery configuration. Actual runtime varies with connected equipment, power draw and use. Specify your workload when requesting a quotation.



Bayint®
M100
Your Cart. Your Configuration.

BASE CART

OPTIONAL ADD-ONS

- Drawers
- Computer
- Camera
- Audio equipment
- Battery • Up to 24 h*

Select accessories to suit your workflow.

*With optional battery. Runtime varies with equipment load and use.
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Optional computer reference

Processor / memory / storage	Intel Core i5-7200U / 8 GB DDR4 / 256 GB SSD
Display	21.5-inch TFT LCD; 1920 x 1080
Ethernet	Two RJ45 ports; 10/100/1000 Mbps Base-T LAN
Wireless	Wi-Fi 802.11ac, 2.4/5 GHz; Bluetooth 4.0 LE
Additional options	Built-in 4G module with external SIM slot; capacitive touch screen
USB / serial	2 x USB 3.0; 4 x USB 2.0; 2 x COM
Video / audio ports	1 x HDMI; 1 x VGA; 3.5 mm headphone and microphone ports
Power connection	One power supply connection
Enclosure	Fanless design; antibacterial plastic housing and aluminum alloy lower shell (optional computer)
Computer dimensions / weight	514 x 338 x 55 mm; net 5.4 kg; gross 8.35 kg
Power input	AC 100-240 V, 50/60 Hz
Power output	DC 12 V 6 A / DC 24 V 6 A; stated output power 200 W
Computer mounting	100 x 100 mm VESA
Operating environment	0-40 C; 0-90% RH, non-condensing
Storage environment	-20 to 60 C
Operating system compatibility	Windows 10 / Windows 7; confirm supplied OS and software compatibility for the selected computer
Configuration certifications	CCC / CECP / CE / FCC / RoHS / MSDS / UN38.3; applicability depends on the selected component and configuration

Reference configuration from supplied specification. Computer hardware, operating system and connectivity are optional. Confirm final component selection and software compatibility with Bayint.

Optional camera and audio

Reference camera	PTZ camera; 1/2.8-inch Panasonic 5 MP image sensor
Video output	1920 x 1080 at 30 fps
Zoom / field of view	12x optical zoom; 12x digital zoom; 72.5-degree horizontal field of view
Image functions	WDR; 3D noise reduction; image flip for upright or inverted installation
Control / connection	USB 3.0; RS232 / USB control; VISCA and UVC 1.5 protocols; FECC; remote upgrade support
Presets	128 preset positions

Optional audio equipment

Voice processing	Full-duplex echo cancellation, noise suppression and automatic gain control
Pickup	360-degree microphone pickup; 2 m radius, as specified for optional audio equipment
Connection	USB speakerphone connection; headset function
System compatibility	Windows, macOS and Android; verify the selected device and conferencing software

Discuss your project with Bayint

What are the MOQ and lead time for M100?

We support sample orders starting from 1 unit. Lead time is 1-6 weeks, depending on your configuration and specific requirements.

Does M100 support electric height adjustment?

Yes. M100 supports electric worktop height adjustment from 795 to 1145 mm, with 350 mm of travel. The display mount has a separate 90 mm manual adjustment.

Can the cart support telemedicine?

Yes. Select a compatible computer, camera and audio equipment to configure a mobile telemedicine workstation. These accessories are optional.

Is 24-hour battery operation available?

An optional battery configuration supports up to 24 hours of operation. Runtime varies with the connected equipment, power draw and use. Confirm the required workload when requesting a quote.

What should I send for a quotation?

Tell Bayint the quantity, destination country, intended workflow and required options. Include computer, camera, audio, battery and drawer requirements where applicable.

Contact Bayint

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