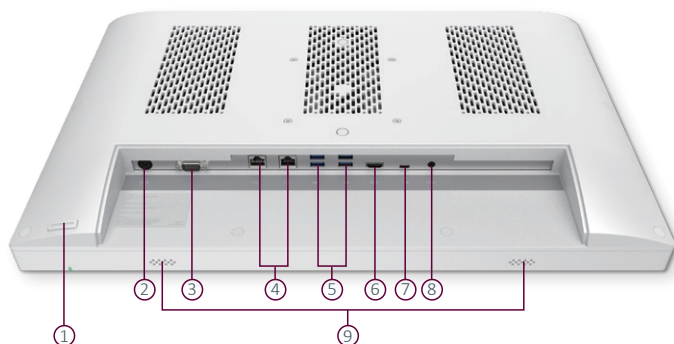


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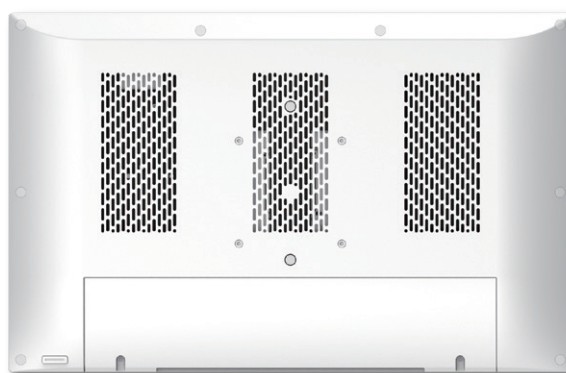
24-inch Medical-Grade Panel PC with MXM GPU Expansion and Intel® Core™ Ultra 5/7 Processors for AI-Accelerated Advanced Medical Computing



▲ Front view



- | | |
|--------------------------|------------------------|
| 1. Power button | 6. 1 x HDMI 2.1 |
| 2. DC power-in | 7. 1 x USB 3.2 Type-C |
| 3. 1 x RS-232 (optional) | 8. 1 x Mic-in/Line-out |
| 4. 2 x 2.5GbE LAN | 9. 2 x 2W speaker |
| 5. 4 x USB 3.2 Type-A | |



▲ Rear view

Features

- 24" full HD display with multi-touch P-CAP control screen
- AI acceleration with Intel® Core™ Ultra 5 or Ultra 7 processor
- 2 DDR5-5600 SO-DIMM, up to 96GB memory
- Advanced computing ability integrated with MXM GPU module
- IP65 front bezel and IPX1 full enclosure design
- Optional cable trays for effortless cable routing
- RFID reader and COM port integration (optional)

Specifications

LCD Panel	Display Type	24" FHD LCD
	Brightness (cd/m ²)	350 nits
	Resolution	1920 x 1080
	Viewing Angel (H/V)	178°/178°
	Touchscreen	Projected capacitive 10-point multi-touch
Main System	CPU	Intel® Core™ Ultra 7/5 Processor (Series 1), up to 45W
	System Memory	2 x DDR5-5600 SO-DIMM, up to 96 GB
	BIOS	AMI UEFI BIOS
	Storage	2 x M.2 Key M 2280 support NVMe SSD
	Watchdog Timer	255 levels, 0 to 255 sec.
System I/O	4 x USB 3.2 Type-A 1 x USB Type-C, supports PCIe Gen 3 x4 lanes/USB 3.2/PD 15W/DP Alt mode 1 x HDMI 2.1 2 x 10/100/1000/2500 Mbps Ethernet (1.5kV isolation) with Intel® I226-LM, supporting Wake-on-LAN and PXE Boot ROM 1 x COM (RS-232) with 1.5kV isolation (optional) 2 x audio (2W speakers, HD codec audio with Mic-in/Line-out using Realtek ALC888s)	
TPM	TPM 2.0	
Expansion Interface	1 x PCIe Gen 4 x4 (x16 slot) for MXM GPU module 1 x M.2 Key E 2230 for Wi-Fi 6E/BT5.2	
Others	1 x RFID card reader (optional)	
Power	24V DC input with medical grade 250W PSU	
Dimension (W x D x H)	548 x 349.4 x 61.7 mm (21.57" x 13.75" x 2.43")	
Weight (net/gross)	< 8kg	
Temperature	Operating temperature: 0°C to +40 °C (+32°F to +104°F) Storage temperature: 0°C to +50°C (+32°F to +122°F)	
Relative Humidity	Operating humidity: 10% to 95% @ +40°C (+104°F) Storage humidity: 95% @ +40°C (+104°F)	
Certification	CE, FCC Part 18 IEC 60601-1 Edition 3.2 compliant	
EOS Support	Windows® 10 IoT Ent, Windows® 11 IoT Ent	

Ordering Information

MPC241G (P/N: TBA)	24" medical panel PC with Intel® Core™ Ultra 5/7 processor, 4 USB 3.2 Type-A, 1 USB 3.2 Type-C, 1 HDMI 2.1, two 2.5GbE LAN, dual 2W speakers, and optional RFID module or MXM GPU module
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Dimensions

