

Overview

The MPC-1185 is a medical all-in-one machine with a lightweight body and white appearance, featuring an isolated power design ideal for medical application environments. Equipped with the Intel® Celeron® J6412 or 8th/10th generation Intel® Core™ i5 processor, it meets the requirements for medical applications. This device complies with the EN60601-1 medical safety standards for electrical devices and boasts a capacitive multi-point touch screen design, making it convenient for medical staff to operate.

Features

- 18.5" LED-backlit LCD with capacitive touch screen
- Aluminum front bezel (IP65) & PC/ABS rear cover
- Intel® Celeron® J6412 or 8th/10th Gen Intel® Core™ i5 processor (optional)
- 1x COM, 5x USB, 2x LAN, 1x HDMI



Operating Temp.



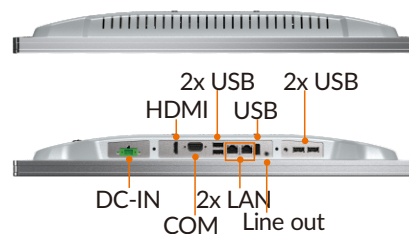
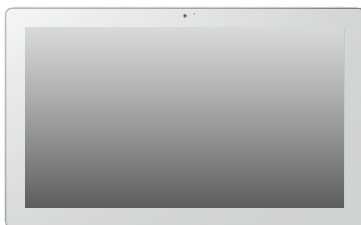
IP65



Touch Display



I/O Interfaces



Specifications

Display	MPC-1185-J6412	MPC-1185-8260U	MPC-1185-10210U
Size	18.5 inch		
Touch Type	projected capacitive multi touch		
Transmittance	87% (capacitive)		
Control Interface	USB		
Surface Hardness	≥7H AG AF		
Resolution	1920 x 1080		
Luminance	300 nits		
Contrast Ratio	1000: 1		
View Angles	85 (left), 85 (right), 85 (up), 85 (down)		
LED Lifetime	30,000 hrs		
Color	16.7M		
System			
CPU	Intel® Celeron® Processor J6412 (2.0 GHz) Quad core quad threaded processor	Intel® Core™ i5-8260U (1.6 GHz) quad-core eight-thread processor	intel® Core™ i5-10210U (1.6 GHz) quad-core eight-thread processor
Memory	1x SO-DIMM DDR4-3200 MHz, up to 16GB	2x DDR4 3200 SO-DIMM (up to 64GB)	2x DDR4 3200 SO-DIMM (up to 64GB)
Storage	1x 2.5" SATA HDD/SSD (optional) 1x full length Mini PCIe for mSATA SSD		
I/O Ports			
USB	1x USB 3.0, 4x USB 2.0		
Serial	1x COM (RS-232)		
Ethernet	2x GbE LAN		
Display	1x HDMI		
Antenna	2x built-in antenna		
Expansion Slot			
Mini PCIe	1x full length Mini PCIe for Wi-Fi 1x full length Mini PCIe for mSATA		
RF Communication			
Wi-Fi	Mini PCIe expansion (optional)		
Cellular	Mini PCIe expansion (optional)		
Bluetooth	Mini PCIe expansion (optional)		
Audio			
Audio	1x line out		
Speaker	2Ω5W speaker		
Power			
Button	Yes		
DC Input	12VDC, 9 to 36VDC (optional)		
Power Connector	M12		
Power Consumption	23W	27W	27W
Power Adaptor	AC-DC, 12V@5A, 60W		
Operating System			
Windows	Windows 10/11		
Mechanical			
Dimensions (W x D x H)	465 x 285 x 49 mm (18.3 x 11.2 x 1.9 inches)		
Weight (N.W.)	4.2 kg (9.26lbs)		
Mounting	wall mount bracket VESA 100		
Material	Aluminum front bezel & PC/ABS rear cover		

Environment	
Operating Temperature	0 to 50°C(32 to 122°F)
Storage Temperature	-10 to 60°C -14 to 140°F)
Relative Humidity	10% to 95% @ 40°C (104°F), non-condensing
Vibration	5 to 500Hz, 0.026 G ² /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis
IP Rating	IP65 compliant (for front panel)
Certification	
EMC	CE, FCC,EN60601-1
Packing List	
Packing	1x MPC-1185 1x warranty card

Dimensions

