

.XMP-24156D1

15.6" Medical Panel PC with Intel® Celeron® J6412 or 10th Gen Intel® Core™ i5 Processor

Overview

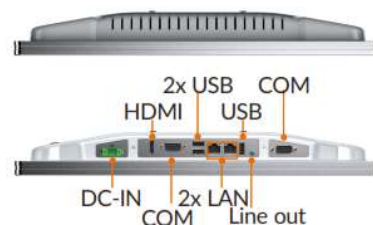
The XMP-24156D1 is a medical all-in-one machine with a lightweight body and white appearance, featuring an isolated power design ideal for medical application environments. Equipped with the Intel® Celeron® J6412 or 8th/10th generation Intel® Core™ i5 processor, it meets the requirements for medical 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

- 15.6" LED-backlit LCD with capacitive touch screen
- Aluminum front bezel (IP65) & PC/ABS rear cover
- Intel® Celeron® J6412
- Or 10th Gen Intel® Core™ i5 processor (optional)
- 2x COM, 3x USB, 2x LAN, 1x HDMI



I/O Interfaces



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Specifications

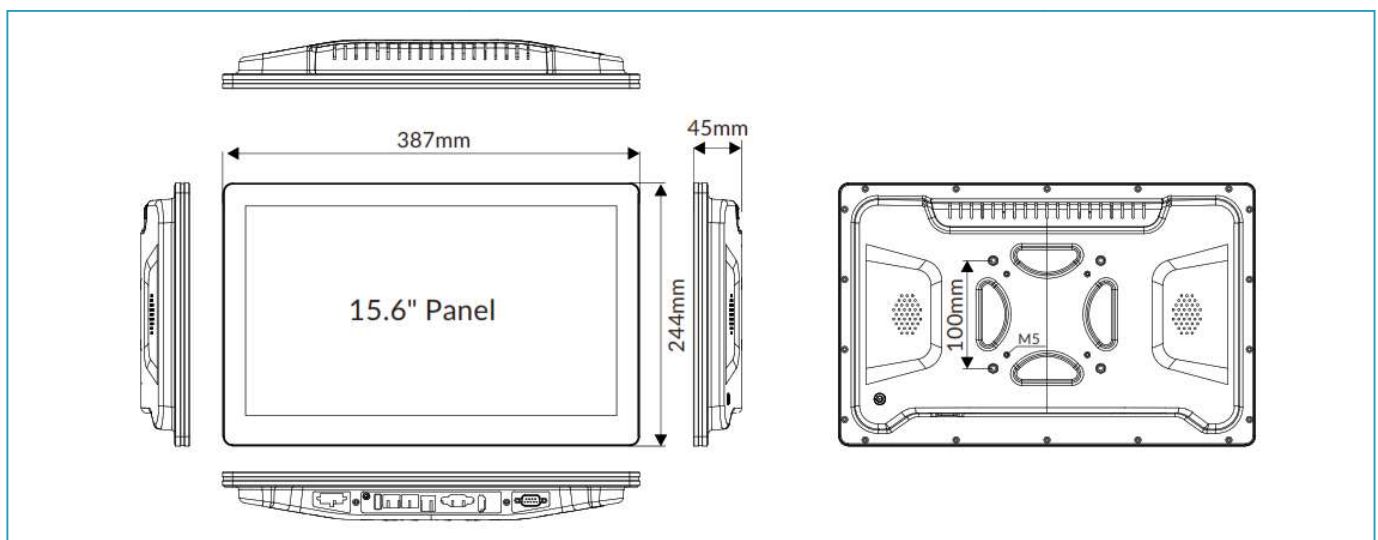
DISPLAY	XMP-24156D1J6412C	XMP-24156D1I510C
Size	15.6-inch	
Touch type	Projected capacitive multitouch (optional)	
Transmittance	87% (capacitive)	
Control Interface	USB	
Surface Hardness	≥7H - AG AF	
Resolution	1920 x 1080	
Luminance	250 nits	
Contrast ratio	1000:1	
View angles	85 (left), 85 (right), 85 (up), 85 (down)	
LED Lifetime	20 000 hrs	
Color	16.7M	
SYSTEM		
CPU	Intel® Celeron® J6412 (2.0 GHz) Quad-Core quad threaded processor	Intel Core™ i5-10210U (1.6 GHz) Quad-Core eight-thread processor
Memory	1x SO-DIMM DDR4-3200MHz, up to 16GB	2x DDR4 3200 SO-DIMM (up to 64GB)
Storage	1x 2.5" SATA HDD/SSD (optional) 1x full length Mini PCIe for mSATA SSD	
Operating System	Windows 10, Windows 11	
I/O PORTS		
USB	1x USB 3.0 2x USB 2.0	
Serial	2x COM : COM1 : RS-232 COM2 : RS-485 (isolation)	
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	
Power Connector	M12	
Power Consumption	23W	27W
Power Adaptor	AC-DC, 12V@5A, 60W	
MECHANICAL		
Dimensions (W x D x H mm)	387 x 244 x 45 mm (15.2 x 9.6 x 1.8 inches)	
Weight (kg)	2.2 kg (4.9 lbs)	

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Mounting	Wall mount bracket VESA 100
Material	Aluminum front bezel & PC/ABS rear cover
ENVIRONMENT	
Operating Temperature	0°C to 50°C (32 to 122°F)
Storage Temperature	-10°C to 60°C (-14 to 140°F)
Relative Humidity	10% to 95% @ 40°C (104°F), non-condensing
Vibration	5-500Hz, 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 XMP-24156D1 1x AC-DC power adapter 1x warranty card

Dimensions



Ordering Information

Ref.	Description
XMP-24156D1J6412C	15.6" LCD, P-CAP Touch, Intel Celeron J16412, P-Cap, DC 12V input, Phoenix 2P TB
XMP-24156D1I510UC	15.6" LCD, P-CAP Touch, Intel Comet Lake Core-i5-10210U, P-Cap, DC 12V input, Phoenix 2P TB