



## Specification

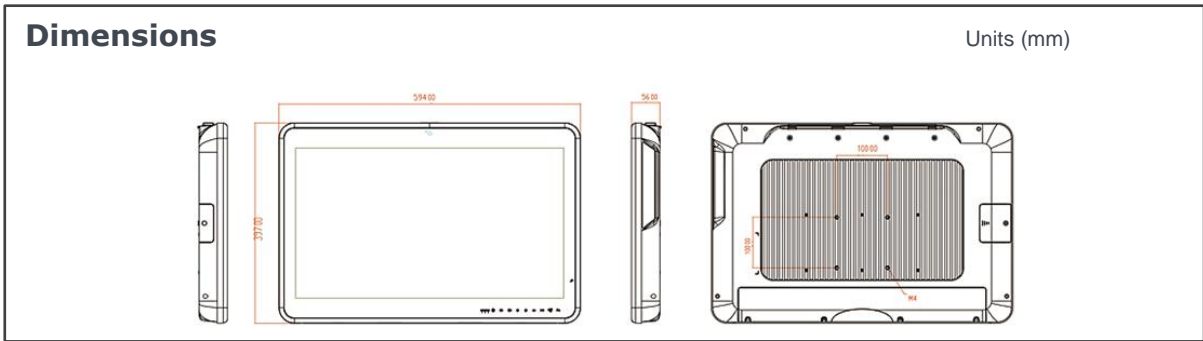
## Features

- Power Supply Inside
- Mobile Intel® Alder Lake U Core i CPU
- Medical Latest EN 60601-1 & 60601-1-2 Certifications
- 23.8" FHD MVA Diagnostic Panel
- Fanless Design with Reliable Thermal Solution
- Optional Hot-Swappable Batteries X3
- Dual storage M.2 SSD & 2.5" SATA3 SSD/HDD
- Hospital White Plastic Housing w/ Anti-bacteria Treatment
- Optional 4KV Isolated 1X LAN, 1 X COM module
- Support PCIe4 Expansion Slot
- Optional DICOM Part 14 Module

Model	WMP-24P-PIS IP0A (STD)	WMP-24P-PIS IP0B (ISO)
CPU / Chipset	FCBGA1744 Intel® 12th Gen. Core i7/i5/i3 & Celeron Processor (15W Max.) / SoC	
Graphic	Intel® Iris Xe Graphics (i7/i5 CPU) / Intel® UHD Graphics (i3 CPU)	
RAM	Two 4800 MHz DDR5 SODIMM Socket Support Dual Channel, non-ECC, up to 64GB	
OS Support	Optional Win 10 IoT Enterprise, Win 11 IoT Enterprise GAC	
Storage	1 x M.2 (M Key 2280) with PCIe4 for SSD, 1 x 2.5" SATA3 SSD/HDD drive bay	
Expansion	1 x PCIe4 (25W max.), 1 x M.2 E Key	
Display Size	23.8" wide TFT-Color LCD (16:9)	
Display	1920 x 1080 (Full HD), 16.7M colors (True,8 bit), 178(H) / 178(V), 250 nits (Typ. Center point), CR:3000: 1 (Typ)	
Touch Screen	Full flat projective capacitive touch panel / Light Transmission: 90% ± 3% / Hardness: 7H pencil, pressure 750g/45° / Life: 100M times (Optional)	
USB	4 x USB3.2 gen II	4 x USB3.2 gen II
COM	1 x RS-232, 1 x RS232/RS422/RS485	1 x ISO RS232/RS422/RS485
LAN	2 x RJ45 (1 x 1.0 Gbps, 1 x 2.5 Gbps)	2 x RJ45 (1 x 1.0 Gbps, 1 x 2.5 Gbps), 1 x ISO RJ45
Audio/ Video	2 x 3.5mm phone jack connector (Line-out, and Mic-in) / 1 x DP1.4a, 1 x HDMI2.0, 1 x HDMI (video-in)	
Speakers & Microphone	2 x 2-watt Speakers & Integrated Microphone (at Housing Bottom Side)	
Reading light	Light bar x 2 (at housing bottom side)	
Control Hot Key (R to L)	Battery LED Indicator, Power On/Off, Volume +/-, Brightness +/-, Reading Light, LCD Backlight On/Off, Touch Hot Key Enable/Disable, Function Key	
Cooling	Fanless Design with External Heatsink	
Battery Pack	Optional DR-202 Series, Lithium-ion Battery (Max. <100W)	
Power Input	AC input 100 ~240V / 47 ~ 63 Hz / output DC 14-24V (Power Supply Inside)	
Temperature	Operating Temperature: 0~35°C (IEC60068-2-78), W/ Battery 0~30°C / Storage Temperature: -20~60°C	
Humidity	Operating & Storage:10 ~ 90%, non-condensing	
IP Rating / Housing	IP65 (Front Side), Rear IPx1 / Front: Full flat design/ Touch (standard)/ Glass (customized); Rear: Plastic White w/Anti-bacteria (MRSA) Housing	
Dimensions (Net)	594.0mm (H) x 397.0mm (V) x 56.0mm (T)	
Weights (Net)	9.2 kg (w/o power adapter/battery pack)	
Mounting	VESA 100 x 100	
Certification	CE: EN IEC 60601-1-2:2015/A1:2021(Ed 4.1) EN 60601-1: 2006/A2:2021;IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012, IEC 60601-1:2005/AMD2:2020 VCCI: 2016-11, Class B (PSU/Battery with PSE) / FCC: Part 18 Class B UL: AAMI ES60601-1:2005/(R)2012 and A1:2012/(R)2012 and A2:2021 By Project cUL: CAN/CSA-C22.2 No. 60601-1:14 By Project ISO 14971 / IEC62133	

# WMP-24P-PIS (POWER INSIDE)

Medical Cart Panel PC Fanless

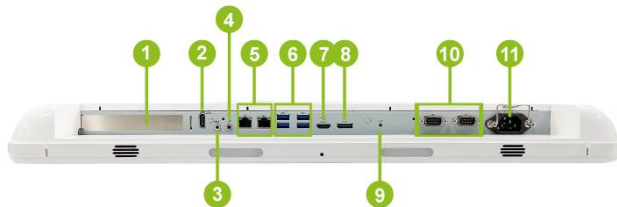


Major Options & Customization	
Battery & Charger	<ul style="list-style-type: none"> <li>① Battery Pack: 3xDR-202 Series, Hot-Swappable Battery</li> <li>② Battery Charger Station: JW202W2 3-Slot w/200W Power Adaptor</li> </ul>
Options	<ul style="list-style-type: none"> <li>① 5MP Auto Focus Webcam</li> <li>② TPM 2.0 module</li> <li>③ Smart Card Reader at side or CAC / PIV Reader (FIPS-201) (different rear housing)</li> <li>④ RFID Reader (13.56MHz)</li> <li>⑤ AG Film</li> <li>⑥ Wifi WLAN + Bluetooth w/ 2x antenna</li> <li>⑦ M.2 Type 2280 Module</li> <li>⑧ 2.5" SATA3 Storage</li> <li>⑨ Equipotential Terminal Pin</li> <li>⑩ Full HD Capture Card or 4K SC710N1 12G SDI Capture Card</li> <li>⑪ USB 2.0 x 2 at Side (different rear housing)</li> <li>⑫ 5V1A Power Jack (for Standard Type)</li> <li>⑬ Isolated 4KV module (4kV iso gigaLAN x 1, 4KV iso COM x 1)</li> <li>⑭ DICOM Part 14 Compliance (can't co-exist with light sensor)</li> <li>⑮ 30 watt power output card for external device</li> </ul>
Customization	<ul style="list-style-type: none"> <li>① Tempered Glass</li> <li>② COM Port Support 5V1A Output</li> <li>③ AG Coating</li> </ul>

## Order Information

Item	Configuration
WMP-24P-PIS-IP0A-i5	Core i5-1235U 4.40GHz / DDR5 8G RAM / M.2 128G SSD / P.cap touch / Support Vpro
WMP-24P-PIS-IP0A-i7	Core i7-1255U 4.70GHz / DDR5 8G RAM / M.2 128G SSD / P.cap touch / Support Vpro
WMP-24P-PIS-IP0B-i5	Core i5-1235U 4.40GHz / DDR5 8G RAM / M.2 128G SSD / P.cap touch / Support Vpro / ISO

## I/O STD Ports



- ① PCI-E expansion
- ② Video-in
- ③ Line-out
- ④ Microphone-in
- ⑤ LAN x 2
- ⑥ USB3.2 gen II x 4
- ⑦ HDMI out x 1
- ⑧ DP out x 1
- ⑨ Reset
- ⑩ COM x 2
- ⑪ AC-in

