

WMP-24J

Medical Cart Panel PC Swappable Battery



Features

- Mobile Intel® Whiskey Lake Core i CPU
- Medical Latest IEC 60601-1 & 60601-1-2 Certifications (MDR)
- 23.8" FHD MVA Diagnostic Panel w/ P-Cap Multi-Touch
- Hot-Swappable Batteries X3 at 243Wh Capacity
- Fanless Design w/ Reliable Thermal Solution
- Dual Storage w/ M.2 NVMe SSD & 2.5" Drive (w/doggy door)
- Hospital White Plastic Housing w/ Anti-bacteria Treatment
- Battery Charger Station, 4KV Isolated I/O kit, DICOM GSDF Calibration & More Options for Diversified Applications
- Support PCIe4 Expansion Slot
- Optional DICOM Part 14 Module

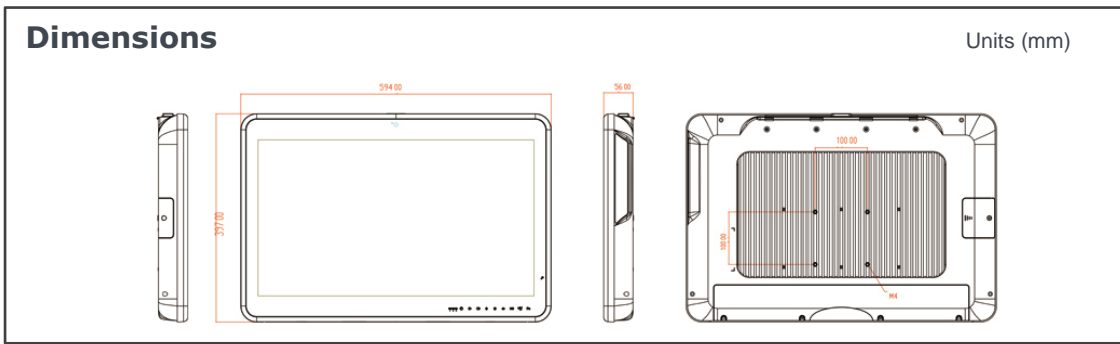
Specification

Model	WMP-24J IP0A (STD)	WMP-24J IP0B (ISO)	WMP-24J IP0C (UHD)
CPU / Chipset	FCBGA1528 Intel® Whiskey Lake Core i7/i5 processor (15W Max.) / SoC Optional Vpro by Core i7/i5 CPU		
Graphic	Intel® integrated UHD Graphics 620		
RAM	Two DDR4 Dual-2400MHz RAM, non-ECC, x2 SO-DIMM socket, up to 64GB		
OS Support	Optional Win 10 IoT Enterprise		
Storage	1 x M.2 NVMe SSD (M Key 2242/2260/2280) PCIe4, 1 x 2.5" SSD/HDD w/ doggy door		
Expansion	1 x PCIe4 (25W Max.), 1 x M.2 Type E Optional Network Interface: 802.11 ac/a/b/g/n (or Wifi-6) WLAN + Bluetooth module		
Display Size	23.8" wide TFT-Color LCD (16:9)	23.8" 16:9 LED backlight	
Display	1920 x 1080 (Full HD), 16.7M colors, 178(H) / 178(V), 250 nits (Typ. Center point), CR:3000 : 1 (Typ)	3840 x 2160 (UHD), 1.07B colors, 178(H) / 178(V), 300 nits (Typ. Center point), CR:1000 : 1 (Typ)	
Touch Screen	Full flat projective capacitive touch panel / Light Transmission: 90% ± 3% / Hardness: 7H pencil, pressure 750g/45° / Life: 100M times		
USB	4 x USB3.1 gen II	4 x USB3.1 gen II 1 x ISO USB2.0	4 x USB3.1 gen II
COM	1 x RS-232, 1 x RS232/RS422/RS485	1 x ISO COM RS232, 1 x RS232/RS422/RS485	1 x RS232, 1 x RS232/RS422/RS485
LAN	2 x Gigabit RJ45	2 x Gigabit RJ45, 1 x ISO LAN	2 x Gigabit RJ45
Audio/ Video	Line-out & Microphone-in (3.5mm phone jack) / 1 x DP, 1 x HDMI video-in		Line-out & Microphone-in (3.5mm phone jack) / 1 x DP
Speakers & Microphone	2x 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-202W2, Lithium-ion Battery x3 81Wh for 243Wh w/ Hot-Swappable Design		
Power Input	DC-In x 1, DC 14 ~ 24V input		
Power Adapter	AC input 100~240V / 47 ~ 63 Hz / DC output 24V, 180W		
Temperature	Operating Temperature: 0~40°C / Storage Temperature: -20~60°C		
Humidity	Operating & Storage:10 ~ 90%, non-condensing		
IP Rating / Housing	IP65 (Front Side), IPX1 for Whole System / 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)	9.0 kg (w/o power adapter/battery pack), 10.5 kg (with x3 battery pack & no power adaptor)		
Mounting	VESA 100 x 100		
Certification	MDR (2017/745), UL/cUL60601-1:2014 (V3.1)/, FCC/CE(60601-1-2: 2015(V4.0)/VCCI Class B		

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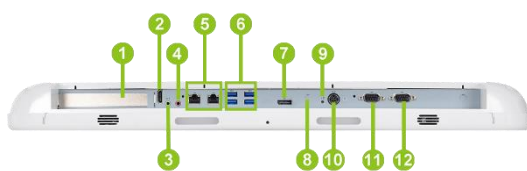


Major Options & Customization	
Battery & Charger	<ol style="list-style-type: none"> 1. Battery Pack: DR202W2, Li-ion 10.8V 7500mAh, x 3; 2. Battery Charger Station: JW202W2 3-Slot w/200W Power Adaptor
Add On Parts	<ol style="list-style-type: none"> 1. 5MP Auto Focus Webcam 2. TPM 2.0 Module 3. Smart Card Reader at side or CAC / PIV Reader (FIPS-201) (different rear housing) 4. RFID Reader (13.56MHz) 5. AG Film 6. Wifi WLAN + Bluetooth w/ 2x Antenna 7. M.2 NVMe SSD 8. SATA III 2.5" HDD Module 9. Equipotential Terminal Pin 10. Full HD Capture Card or 4K SC710N1 12G SDI Capture Card 11. USB 2.0 x 2 at Side (different rear housing) 12. 5V1A Power Jack (for Standard Type) 13. Light Sensor for Auto Brightness (can't co-exist with webcam) 14. DICOM Part 14 Compliance 15. DC-DC Extension Cable (2 meter) 16. I/O Cover (for better cables management) 17. White Color Metal Desktop Stand with Antibacterial Treatment 18. UHD 4K2K Panel (No Video-in)
Customization	<ol style="list-style-type: none"> 1. Tempered Glass 2. COM Port Support 5V1A Output 3. AG Coating

Order Information

Item	Configuration
WMP-24J-IP0A-i5v	Core i5-8365UE 1.60GHz / 4G RAM / M.2 128G SSD / Full flat P.cap touch / Support Vpro
WMP-24J-IP0B-i7v	Core i7-8665UE 1.70GHz / 4G RAM / M.2 128G SSD / Full flat P.cap touch / Support Vpro
WMP-24J-IP0C-i5	Core i5-8265UE 1.60GHz / 4G RAM / M.2 128G SSD / Full flat P.cap touch / UHD panel

I/O ports (Standard type)



- 1 PCI-E expansion
- 2 Video-in
- 3 Line-out
- 4 Microphone-in
- 5 LAN x 2
- 6 USB3.1 gen II x 4
- 7 DP x 1
- 8 Equipotential Terminal Pin
- 9 Reset
- 10 DC-in
- 11 RS232/422/485
- 12 RS232

