



Features

- Mobile Intel® Whiskey Lake Core i CPU
- The newest regulation EN/UL 60601-1 & 60601-1-2
- 23.8" FHD AHVA Diagnostic Panel w/ P-Cap Multi-Touch
- Hot-Swappable Batteries X3
- 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



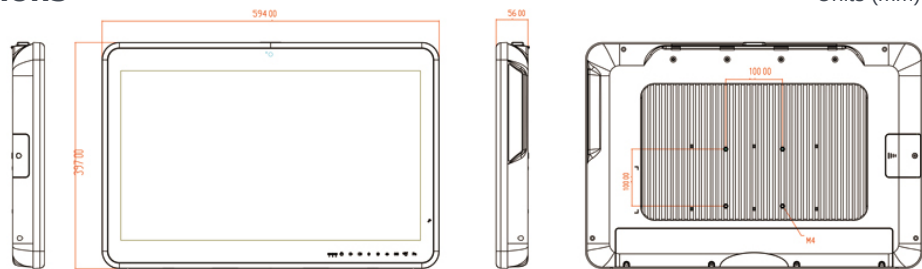
Specification

Model	WMP-24J IP0A (STD)	WMP-24J IP0B (ISO)
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 LTSC, Win 11 IoT Enterprise GAC	
Storage	1 x M.2 NVMe SSD (M Key 2242/2260/2280) PCIe4, 1 x 2.5" SATA3 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)	
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	Projected Capacitive Multi-Touch Panel / Light Transmission: ≥85% / Hardness: ≥7H pencil, pressure 765g/45° / Life: 50000	
USB	4 x USB3.1 gen II	4 x USB3.1 gen II 1 x ISO USB2.0
COM	1 x RS232/RS422/RS485 1 x RS-232	1 x ISO RS232/RS422/RS485, 1 x ISO COM RS232
LAN	2 x RJ45	2 x RJ45, 1 x ISO RJ45
Audio/ Video	2 x 3.5mm phone jack connector (Line-out, and Mic-in) / 2 x DP, 1 x HDMI video-in	
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, Clean Me, Function Key	
Cooling	Fanless Design with External Heatsink	
Battery Pack	Optional 3 x DR-202 Series, Lithium-ion Battery 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 (Burn-in, not airtight, W/ Battery 0~35°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	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-24J

Medical Cart Panel PC Swappable Battery

Dimensions



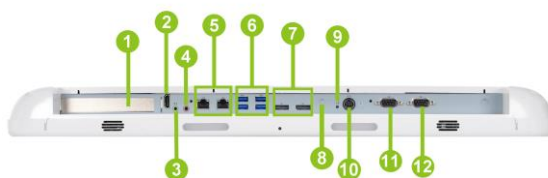
Major Options & Customization

Battery & Charger	① Battery Pack: 3 x DR-202 Series, Lithium-ion Battery w/ Hot-Swappable Design ② Battery Charger Station: JW202W2 3-Slot w/200W Power Adaptor
Add On Parts	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 (Can't exist with DICOM module) ⑥ Wifi WLAN + Bluetooth (Wifi 7) 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 DICOM Part 14 Compliance ⑭ DC-DC Extension Cable (2 meter) ⑮ I/O Cover (for better cables management) ⑯ White Color Metal Desktop Stand with Antibacterial Treatment ⑰ 30 Watt Power output card for external device
Customization	① Tempered Glass ② COM Port Support 5V1A Output ③ AG Coating ④ UHD 4K2K Panel (No Video-in) ⑤ Light Sensor for Auto Brightness (can't co-exist with webcam)

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

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 2
- ⑧ Equipotential Terminal Pin
- ⑨ Reset
- ⑩ DC-in
- ⑪ RS232/422/485
- ⑫ RS232

