



Features

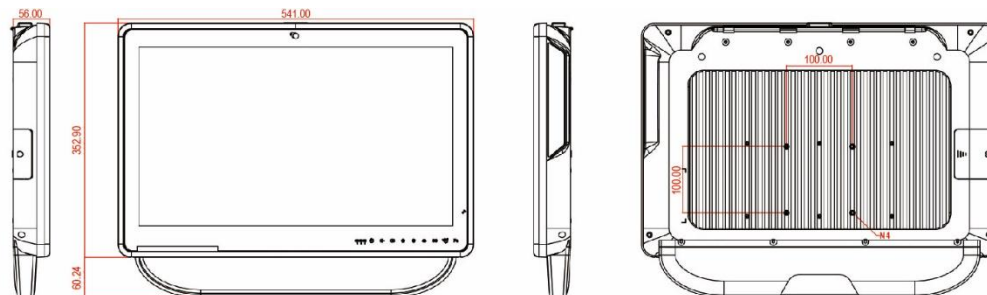
- Mobile Intel® Whiskey Lake Core i CPU
- Newest regulation EN/UL 60601-1 & 60601-1-2 Compliance
- 21.5" FHD MVA Diagnostic Panel w/ P-Cap Multi-Touch
- Optional Hot-Swappable Batteries X3
- Fanless Design with Reliable Thermal Solution
- Dual storage M.2 NVMe SSD & 2.5" drive (w/ doggy door)
- Hospital 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 22J IP0A (STD)	WMP 22J 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" SSD/HDD w/ doggy door	
Expansion	1 x PCIe4, 1 x M.2 E Key Optional Network Interface: 802.11 ac/a/b/g/n (or Wifi-6) WLAN + Bluetooth module	
Display Size	21.5" 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:1000: 1 (Typ)	
Touch Screen	Projected Capacitive Multi-Touch Panel / Light Transmission: ≥ 87% / 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 RS-232
LAN	2 x Gigabit RJ45	2 x Gigabit RJ45, 1 x ISO Gigabit RJ45
Audio/ Video	Line-out & Microphone-in (3.5mm phone jack) / 2 x DP & 1 x HDMI video-in	
Speakers & Microphone	2 x 2-watt speakers & integrated microphone (at housing bottom side)	
Reading light	2 x Light Bar (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 / Consumption	DC-In x 1, DC 14-24V input	
Power Adapter	AC input 100~240V / 47 ~ 63 Hz / DC output 18V, 100W (Optional 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)	541.0mm (H) x 413.2mm (V) x 56.0mm (T)	
Weights (Net)	7.0 kg (w/o power adapter/battery pack), 8.5 kg (w/ 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	

Dimensions

Units (mm)



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
Options	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 2280 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 w/ Anti-bacterial Treatment ⑰ 30 Watt Power output card for external device ⑱ Isolated 4KV module, 1 x 4KV ISO USB 2.0, 1 x 4KV ISO LAN, 2 x 4KV ISO COM (RS-232, RS-232/422/485)
Customization	① Tempered Glass ② Touch Panel with Anti-glare Coating ③ COM Ports Support 5V1A Output ④ Light Sensor for Auto Brightness (can't co-exist with webcam)

Order Information

Item	Configuration
WMP-22J-IP0A-i5	Core i5-8365UE 1.60GHz / 4G RAM / M.2 128G SSD / Full flat P.cap touch / Support Vpro
WMP-22J-IP0A-i7	Core i7-8665UE 1.80GHz / 4G RAM / M.2 128G SSD / Full flat P.cap touch / Support Vpro
WMP-22J-IP0B-i5	Core i5-8365UE 1.60GHz / 4G RAM / M.2 128G SSD / Full flat P.cap touch / ISO

I/O ports (Standard type)

