

WMP-19J

19" UPS Battery Fanless Medical Panel PC



Specification

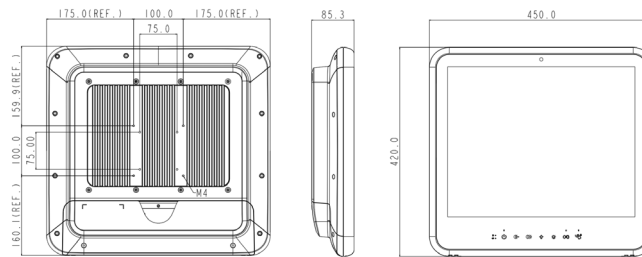
Features

- Powerful Intel® Whiskey Lake Core i CPU
- Medical Latest 60601-1 & 60601-1-2 Certifications
- 19" 1280 x 1024 High Quality LCD Panel w/ P-Cap Multi-Touch
- Optional Built-In UPS Battery Pack
- Fanless Design with Reliable Thermal Solution
- Dual storage with M.2 SSD & 2.5" Drive
- Hospital White Plastic Housing w/ Anti-bacteria Treatment
- 4KV Isolated I/O kit & More Options for Diversified Applications
- Support PCIe x4 Expansion Slot

Model	WMP 19J IP0A (STD)	WMP 19J IP0B (ISO)
CPU / Chipset	FCBGA1528 8 th generation Intel® Core i7/i5 processor (15W Max.) Optional Vpro by Core i7/i5 CPU/ SoC	
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	2.5" SSD/HDD / M.2 SSD (M Key 2242/2260/2280) PCIe x4 & SATA3	
Expansion	1 x PCIe x4, 1 x M.2 E Key Optional Network Interface: 802.11 ac/a/b/g/n WLAN + Bluetooth module	
Display Size	19" TFT-Color LCD (5:4)	
Display	1280 x 1024 (SXGA), 16.7M colors, 170(H) / 160(V), 350 nits (Typ.), CR: 1000 : 1 (Typ)	
Touch Screen	Full Flat P-cap Touch Panel / Light Transmission: ≥87% / Hardness: 7H pencil, pressure 765g/45° / Life: 50000 times	
USB	4 x USB3.1 gen. II	4 x USB3.1 gen. II, 1 x ISO USB2.0
COM	1 x RS232/422/485, 1 x RS232	1 x RS232/422/485, 1 x RS232, 1 x ISO RS232/RS422/RS485, 1 x ISO RS-232
LAN	Gigabit / 2 x RJ45	Gigabit / 2 x RJ45, 1 x ISO RJ45
Audio/ Video	2 x 3.5mm phone jack connector (Line-out, Mic-In)/ 1 x DP1.2, 1 x HDMI 1.4	
Speakers & Microphone	2x 2-watt Speakers & Integrated Microphone (at Housing Bottom Side)	
User Control Key	Power Button, Volume adjustment (-), Volume adjustment (+), Brightness (-), Brightness (+), LCD on/off, Clean me	
Cooling	Fanless Design with External Heatsink	
Power Input	DC-In x 1, DC 12~24V input	
Power Adapter	AC input 100~240V / 47 ~ 63 Hz / DC output 18V, 100W, Universal Type	
Temperature	Operating Temperature: 0~35°C(20W) / 0~40°C(15W) / 25W(by Project)/ Storage Temperature: -20~60°C	
Humidity	Operating & Storage: 10 ~ 90%, non-condensing	
IP Rating / Housing	IP65 (Front Side), IPx1 whole system / Front: Full flat design/ Touch (standard)/ Glass(customized); Rear: Plastic White w/Anti-bacteria (MRSA) Housing	
Dimensions (Net)	450mm (H) x 420mm (V) x 85.3mm (T)	
Weights (Net)	7.5 kg (w/o power adapter/battery pack)	
Mounting	Optional Stand, VESA 75/ 100	
Certification	CE: EN 60601-1-2:2015(V4.0), EN 60601-1:2006 + A11: 2011 + A1: 2013 + A12: 2014 Compliance (by Project) VCCI: 2016-11, Class B (PSU with PSE /Battery not include PSE) FCC: Part 18 Class B UL: ANSI/AAMI EN60601-1:2012 (V3.1)(by Project) cUL: CAN/CSA-C22.2 No. EN60601-1:2014 (V3.1) (by Project) ISO 14971 / IEC62133	

Dimensions

Units (mm)



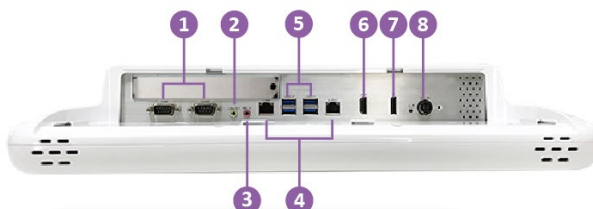
Major Options & Customization

Options	① Wifi 802.11 ac/a/b/g/n WLAN + Bluetooth module ② Wifi 802.11 ax/a/b/g/n WLAN + Bluetooth module (Wifi-6) ③ 3MP Webcam ④ RFID reader (13.56MHz) ⑤ TPM 2.0 (Trusted Platform Module) ⑥ 2.5" SSD module ⑦ M.2 NVMe SSD 2280 ⑧ UPS Battery pack (100W max.) ⑨ 5V1A power Jack (for IP0A Standard Type) ⑩ Add On 2 x COM ⑪ Add On 2 x USB ⑫ Equipotential Terminal Pin ⑬ AG Film (for Anti-Reflection) ⑭ PClex4 riser card ⑮ Full HD capture card ⑯ DC-DC extension cable (2 meter) ⑰ I/O cover (for better cables management) ⑱ White color metal desktop stand with antibacterial treatment
Customization	① Tempered glass ② Touch panel with anti-glare coating ③ COM ports support 5V1A output ④ COM5,6 (New I/O bracket, remove USB5,6) ⑤ Light sensor for LCD auto-brightness control (can't co-exist with webcam) ⑥ GPIO

Order Information

Item	Configuration
WMP-19J – IP0A	Core i5-8265U 1.60GHz/ 4G RAM/128G SSD/ Full flat P-cap touch/ STD
WMP-19J – IP0A	Core i7-8565U 1.80GHz/ 4G RAM/ 128G SSD/ Full flat P-cap touch/ STD
WMP-19J – IP0A	Core i5-8365UE 1.60GHz, DDR4 4G RAM, M.2 128G SSD, Full flat P.cap touch (support Vpro)
WMP-19J – IP0B	Core i5-8265U 1.60GHz/ 4G RAM/ 128G SSD/ Full flat P-cap touch/ ISO module

I/O ports (Standard type)



- ① COM x 2 ⑤ USB 3.1 x 4
- ② Line-out ⑥ HDMI x 1
- ③ Micro-in ⑦ DP x 1
- ④ LAN x 2 ⑧ DC-in

