

Features



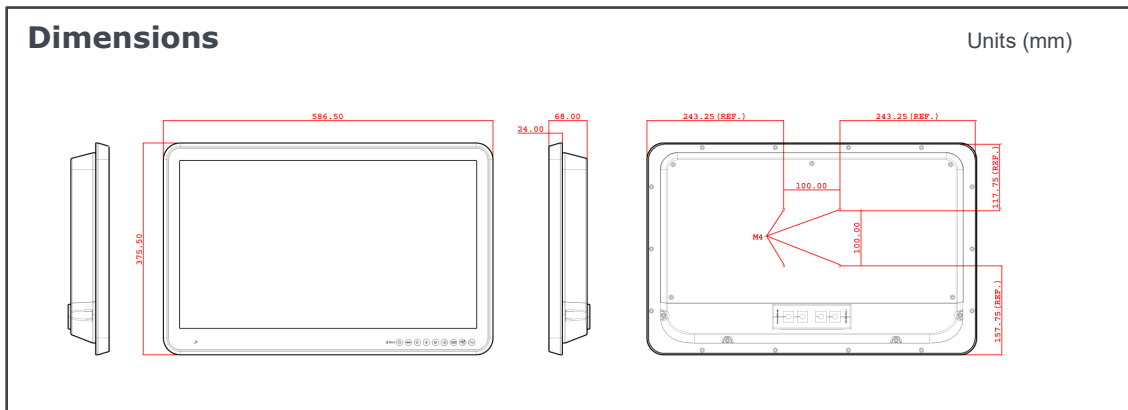
- Intel® Comet Lake Core i CPU
- Power Supply Inside
- Anti-bacteria Aluminum Housing
- 23.8" FHD AHVA (IPS) Diagnostic Panel
- Optional Optical Bonding/AG Film
- Optional Full HD Capture Card
- LAN/COM 4KV Isolated Module
- Optional DICOM Part 14
- Support Video-In with Color Adjustment
- Support DP x 1, HDMI x 1
- Support Windows 11 & fTPM
- Defaulted OS Recovery

Specification

| Model | WMP-24M-PIS IP0A (STD) | WMP-24M-PIS IP0B (ISO) |
|-------------------------------------|--|--|
| Main System | | |
| CPU / Chipset | LGA1200 package 10 th gen Intel® Core i7/i5/i3/Pentium/Celeron processor (35W max.) Intel® Q470E Chipset (Intel® PCH) | |
| Graphic | Intel® integrated UHD Graphics by CPU | |
| RAM | 2 x 260-pin SO-DIMM, Dual Channel DDR4 2933 / 2666 / 2400 MHz, up to 64GB | |
| OS Support | Optional Win 10 IoT Enterprise LTSC 64 bit, Windows 11 IoT Enterprise GAC 64 bit | |
| Storage | 1 x M.2 (M Key, 2280) with NVMe PCIe x4 & SATA3 for SSD, 1 x 2.5" SATA3 HDD/SSD | |
| Expansion | 1 x PCI-E x16 (20W Max.), 1 x M.2 E key 2230 1 x M.2 (B/M Key, 2242/2260/2280) with PCIe x1 | |
| Display Size | 23.8" 16:9 | |
| Display (AHVA) | 1920 x 1080 (Full HD), 16.7M colors, 178(H) / 178(V), 400 nits (Typ. Center point), CR:1000:1 (Typ) | |
| Touch Screen | Full flat projective capacitive touch panel / Light Transmission: 85% ± 3% / Hardness: ≥6H pencil, pressure 750g/45° / Life: 100M times | |
| I.O. Ports | STD | ISO |
| USB | 4 x USB 3.2 gen 2 | 4 x USB 3.2 gen 2 |
| COM | 1 x RS232, 1 x RS232/RS422/RS485 | 1 x ISO RS232/422/485 |
| LAN | 1 x RJ45 1Gbps Intel® I219LM (AMT/Vpro) 1 x RJ45 2.5Gbps Intel® I225V | 1 x RJ45 1Gbps Intel® I219LM (AMT/Vpro) 1 x RJ45 2.5Gbps Intel® I225V , 1 x ISO RJ45 1Gbps |
| Audio | 3.5mm phone jack connector * 2 (Line-out, Mic-In) | |
| Video output | 1 x DP 1.2 / DP++, 1 x HDMI 1.4a | |
| Video-In | 1 x HDMI-in | |
| Control Hot Key (L to R) | Battery LED Indicator; Power; Menu/Exit; Brightness; Video-In LCD On/Off; Clean Me; Programmable Function | |
| Mechanical and Environmental | | |
| Cooling | Fanless | |
| Power Adapter | 100-240VAC, 47~63HZ, DC output 24V, 250W (Internal Medical Grade PSU) | |
| Temperature | Operating Temperature: 0~35°C / Storage Temperature: -20~60°C | |
| Humidity | Operating & Storage: 10 ~ 90%, non-condensing | |
| IP Rating | Front: IP65, Rear: IP54 when I/O cover attached | |
| Housing | Rear: Aluminum Alloy Body / White (Touch) | |
| Dimensions (Net) | 580mm (H) x 350mm (V) x 59mm (T) | |
| Weights (Net) | 11.2 kg (w/ power supply) | |
| Mounting | VESA 100 x 100 | |
| Certification | CE: EN 60601-1-2:2015(V4.0), EN 60601-1:2006 + A11: 2011 + A1: 2014 Compliance VCCI: 2016-11, Class B / FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1) / ISO 14971 / IEC62133 | |

WMP-24M-PIS

Medical OR Panel PC Power Inside



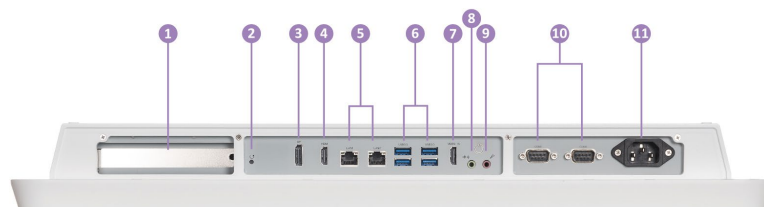
Major Options

| | |
|---------------|---|
| Accessory | <ul style="list-style-type: none"> ① Cable clean IO cover (w/ 3x sealed grommet ; w/ 3-4mm *1, 4-5mm*1, 5-6mm*1, 6-7mm*1 7-8mm*1 grommet) ② WMP series stand, VESA 100 |
| Options | <ul style="list-style-type: none"> ① 802.11 ac/a/b/g/n WLAN + Bluetooth module (optional order configuration) ② 802.11 ax/a/b/g/n WLAN + Bluetooth module (Wifi-6) (optional order configuration) ③ 2.5" SSD module ④ M.2 type 2280 module ⑤ RFID (13.56MHz) ⑥ TPM 2.0 module or fTPM ⑦ Full HD capture card or 4K SC710N1 12G SDI capture card ⑧ Equipotential terminal pin ⑨ AG film (Can't exist with DICOM) ⑩ DICOM part 14 compliance (max. error ratio less than 20%, optional order configuration) |
| Customization | <ul style="list-style-type: none"> ① Tempered glass ② Touch with AG coating <ul style="list-style-type: none"> - anti-reflective, - anti-microbial, - anti-glare, - anti-fingerprint ③ Auto focus 5M pixel webcam module |

Order Information

| Item | Configuration |
|---------------------|--|
| WMP-24M-PIS-IP0A-i5 | Core i5-10500TE/2.30GHz/DDR4 4G RAM/M.2 128G SSD/Full flat P.cap touch |
| WMP-24M-PIS-IP0A-i7 | Core i7-10700TE/2.0GHz/DDR4 4G RAM/M.2 128G SSD/Full flat P.cap touch |
| WMP-24M-PIS-IP0B-i5 | Core i5-10500TE/2.30GHz/ DDR4 4G RAM/M.2 128G SSD/Full flat P.cap touch, ISO |

I/O ports (STD)



- | | | |
|-------------------|---------------|-----------------|
| ① PCI-E Expansion | ⑤ 2 x LAN | ⑨ Microphone-in |
| ② Reset | ⑥ 4 x USB 3.0 | ⑩ 2 x COM |
| ③ DP | ⑦ Video-in | ⑪ AC-in |
| ④ HDMI | ⑧ Line-out | |