

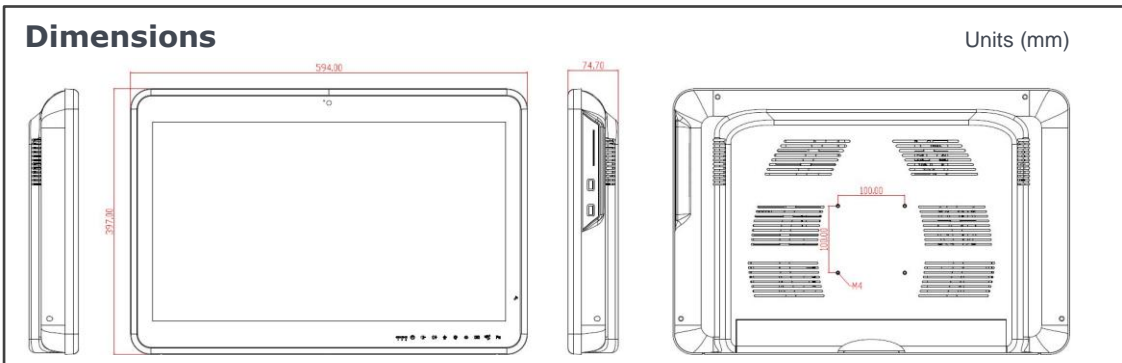


Features

- Intel® 8th/9th Generation Core i7/i5 CPU
- 23.8" 16:9 1920 x 1080 FHD & Optional 3840 X 2160 UHD Diagnostic Panel
- Medical Latest MDR/EN/UL 60601-1 & 60601-1-2 Certifications
- Anti-bacteria Hospital White Plastic Housing
- Front IP65 Ingress Protection & IPX1 Whole System
- Optional Independent GeForce RTX 2060 Graphic Card
- Optional PCIe Expansion for Intel® Movidius™ AI Kits

Specification

| Model | WMP 24K IP0A (STD) | WMP 24K IP0B (ISO) |
|-------------------------------------|--|--|
| Main System | | |
| CPU / Chipset | LGA1151 package 9th/8th generation Intel® Core i7/i5/i3/Pentium/Celeron processor (35W) Intel® Q370 Chipset | |
| Graphic | Intel® integrated HD Graphics 630 by CPU | |
| RAM | Two 2666MHz DDR4 SODIMM socket support dual Channel, non-ECC, up to 64GB | |
| OS Support | Win 10 | |
| Storage | M.2 M.Key 2280 PCIe(x4) NVMe SSD Up to 1TB Optional 2 nd 2.5" SATA III SSD/HDD Up to 2 TB | |
| Expansion | 1 x PCI-e(x4) (25W Max.), 1 x M.2 E Key 2230 Optional Network Interface: 802.11 ac/a/b/g/n WLAN + Bluetooth module or WiFi-6 | |
| Display Size | 23.8" 16:9 TFT-LCD (LED Backlight) | |
| Display (FHD) | 1920 x 1080 (Full HD), 16.7M colors (MVA, 8 bit), 178(H) / 178(V), 250 nits (Typ. Center point), CR:3000 : 1 (Typ) | |
| Optional Display (UHD) | Optional 3840 x 2160 (UHD), 1.07B colors, 178(H) / 178(V), 300 nits, 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 | |
| I.O. Ports | STD | ISO |
| USB | 4 x USB3.1 Gen II | 4 x USB3.1 Gen II, 1 x ISO USB2.0 |
| COM | 1 x RS-232, 1 x RS232/RS422/RS485 | 1 x RS-232, 1 x RS232/RS422/RS485 1 x ISO RS-232, 1 x ISO RS232/RS422/RS485 |
| LAN | 2 x RJ45 | 2 x RJ45, 1 x ISO LAN |
| Audio/ Video | 2 x 3.5mm phone jack connector(Line-out, and Mic-in) / 2 x DP | |
| Reading light | Light bar x 2 | |
| Control Hot Key (R to L) | Power // Audio adjustment // brightness // Reading Light // Video input selection // LCD on/off // Clean me(auto release after 1 minute) // Fn | |
| Mechanical and Environmental | | |
| Cooling | Smart Fan | |
| Power Input | DC-In x 1, DC 14~19V input | |
| Power Adapter | Medical Grade 250W, AC input 100~240V / 47 ~ 63 Hz / DC output 19V | |
| Temperature | Operating Temperature: 0~40°C (chamber) / Storage Temperature: -20~60°C | |
| Humidity | Operating & Storage:10 ~ 90%, non-condensing | |
| IP Rating / Housing | IP65 Front Side IPX1 Whole System / Touch (standard)/ Glass(customized); Rear: Plastic White w/Anti-bacteria (MRSA) Housing | |
| Dimensions (Net) | 594.0mm (W) x 397.0mm (H) x 84.1mm (D) | |
| Weights (Net) | 9.0 kg (w/o power adapter/battery pack) | |
| Mounting | Optional Stand, VESA 100 x 100 Interface | |
| Certification | FCC (part 18 Class B) / CE (EN 60601-1-2 ver. 4.0) / VCCI (2016-11, class B) UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1) / MDR (2017/745) | |



Major Options

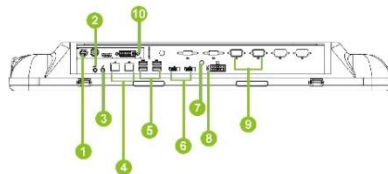
| | |
|-------------------|---|
| Add On Parts | <ol style="list-style-type: none"> 1. WLAN + Bluetooth Module (M.2 E key) or Wi-Fi-6 2. Auto Focus 5M Pixel Webcam Module 3. M.2 PCIe(x4) Type 2280 module 4. Full HD Capture Card / Thunderbolt 3.1 card (include riser card) 5. PCIe(x4) Riser Card 6. TPM 2.0 Module 7. RFID (13.56Hz) 8. 2.5" SSD Module 9. Equipotential Terminal Pin 10. AG Film 11. Independent GeForce RTX 2060 Graphic with 6GB Dedicated Video Memory 12. Movius Card for Vision Accelerator AI 13. USB 2.0 (Type A) x 2 at side (different rear housing) 14. Smart Card Reader at side or CAC / PIV Reader (FIPS-201) (different rear housing) 15. 5V1A Power Jack 16. DICOM Part 14 Compliance Module |
| Accessory Options | <ol style="list-style-type: none"> 1. Integrated battery 81Wh x 1 (output 100W max.) 2. Cable clean IO cover 3. Desktop stand (Metal, white color, anti-bacteria treatment) VESA 100 |
| Customization | <ol style="list-style-type: none"> 1. Tempered glass 2. Touch with AG coating |

Order Information

| Item | Configuration |
|-----------------|---|
| WMP-24K-IP0A-i5 | Core i5-9500TE 2.2GHz / 4G RAM / M.2 128G SSD / Full flat P.cap touch / STD |
| WMP-24K-IP0A-i7 | Core i7-9700TE 1.8GHz / 4G RAM / M.2 128G SSD / Full flat P.cap touch / STD |
| WMP-24K-IP0A-i9 | Core i9-9900T 2.1GHz / 4G RAM / M.2 128G SSD / Full flat P.cap touch / STD |
| WMP-24K-IP0A-i9 | Core i9-9500TE 2.2GHz / 4G RAM / M.2 128G SSD / Full flat P.cap touch / UHD panel |
| WMP-24K-IP0B-i5 | Core i5-9500TE 2.2GHz / 4G RAM / M.2 128G SSD / Full flat P.cap touch / ISO |

IO Parts

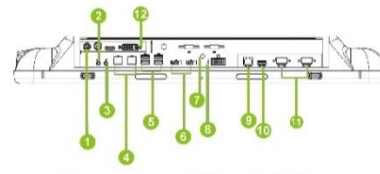
WMP-24K STD I/O



- 1 DC-in
- 2 Line-out
- 3 Microphone-in
- 4 LAN x 2
- 5 USB3.1 x 4
- 6 DP x 2
- 7 Power Plugholder
- 8 Reset
- 9 RS232/422/485/RS232
- 10 PCI-E expansion



WMP-24K ISO I/O



- 1 DC-in
- 2 Line-out
- 3 Microphone-in
- 4 LAN x 2
- 5 USB3.1 x 4
- 6 DP x 2
- 7 Power Plugholder
- 8 Reset
- 9 ISO LAN
- 10 ISO USB
- 11 ISO COM1/2
- 12 PCI-E expansion

