

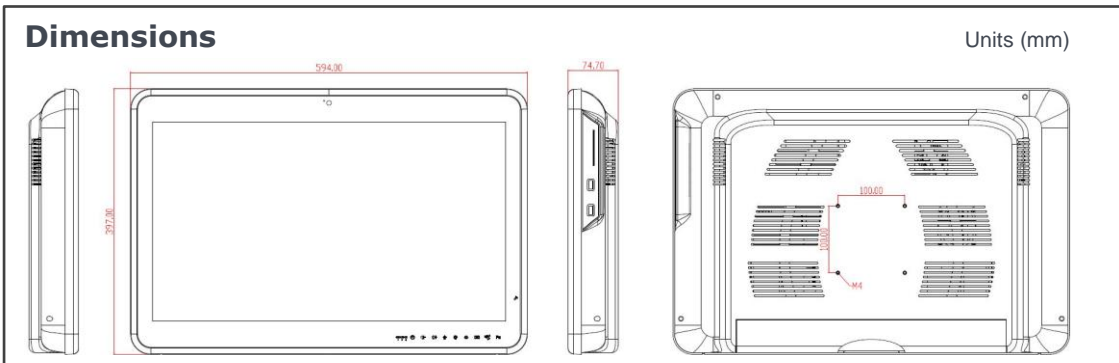


Features

- 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. Movidius 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

