



Features

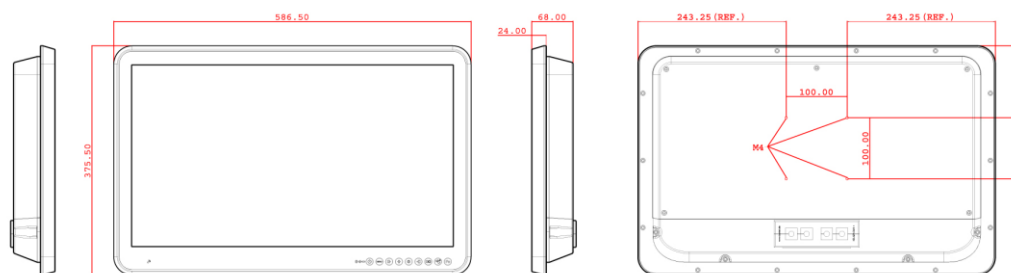
- Intel® Comet Lake Core i CPU
- Anti-bacteria Aluminum Housing
- 23.8" FHD MVA Diagnostic Panel
- Optional Optical Bonding/AG Film
- Optional Full HD Capture Card
- LAN/COM 4KV Isolated Module
- Optional DICOM Part 14 Solution
- Support Video-In with Color Adjustment
- Support DP x 1, HDMI x 1
- Support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

Specification

Model	WMP-24M IP0A (STD)	WMP-24M 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.), 1x M.2 E key 2230, 1x M.2 (B/M Key, 2242/2260/2280) with PCIe1	
Display Size	23.8" 16:9	
Display (MVA)	1920 x 1080 (Full HD), 16.7M colors, 178(H) / 178(V), 250 nits (Typ. Center point), CR:3000 : 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	3 x RS232, 1 x RS232/RS422/RS485, 1 x ISO RS232/RS422/RS485
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++,1x 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	AC input 100 ~240V / 47 ~ 63 Hz, External power adapter, 180W	
Temperature	Operating Temperature: 0~35℃ / Storage Temperature: -20~60℃	
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)	10.8 kg (w/o power supply / battery pack)	
Mounting	VESA 100 x 100	
Certification	CE: EN 60601-1-2:2015/A1:2021(V4.1) compliance / MDR: EN 60601-1 (By project) ISO 14971 / IEC62133 (By project) VCCI: 2016-11, Class B compliance / FCC: Part 18 Class B compliance UL: ANSI/AAMI ES60601-1:2012 (V3.1) (By project) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1) (By project)	

Dimensions

Units (mm)



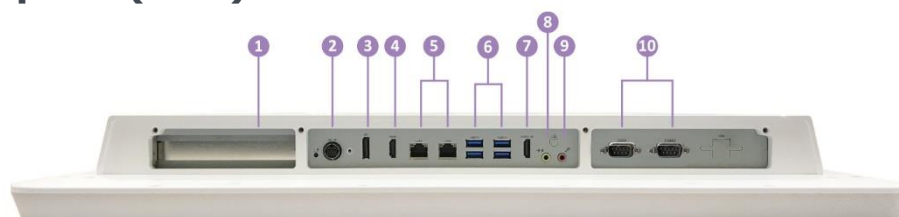
Major Options

Accessory	① Cable clean I.O. 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 ③ 2M Extension Power DC Cable
Options	① 802.11be WLAN + Bluetooth module (Wifi-7) (optional order configuration) ② USB 5,6 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) ⑪ Integrated battery x 1 (output 100W max.) ⑫ Optical bonding
Customization	① Tempered glass ② Touch with AG coating - anti-reflective, - anti-microbial, - anti-glare, - anti-fingerprint ③ Auto focus 5M pixel webcam module

Order Information

Item	Configuration
WMP-24M-IP0A-i5	Core i5-10500TE 2.30GHz/DDR4 4G RAM/M.2 128G SSD/ Full flat P.cap touch
WMP-24M-IP0A-i7	Core i7-10700TE 2.0GHz/DDR4 4G RAM/M.2 128G SSD/Full flat P.cap touch
WMP-24M-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
- ② DC-in
- ③ DP
- ④ HDMI
- ⑤ 2 x LAN
- ⑥ 4 x USB 3.2
- ⑦ Video-in
- ⑧ Line-out
- ⑨ Microphone-in
- ⑩ 2 x COM