



Features

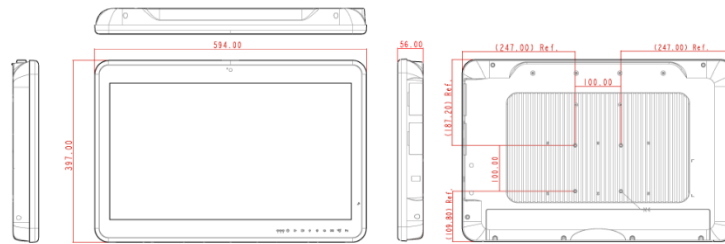
- Mobile Intel® 12th/13th Core CPU
- The newest regulation EMC V4.1 Safety V3.2
- 23.8" FHD MVA Diagnostic Panel w/ P-Cap Multi-Touch
- Optional UPS batteries x 1
- IP54 Rear w/Full Sealed Upside Housing Sku
- Fanless Design w/ Reliable Thermal Solution
- Dual Storage w/ M.2 SSD & 2.5" Drive
- Hospital White Plastic Housing w/ Anti-bacteria Treatment
- 4KV Isolated I/O kit, More Options for Diversified Applications
- Support PCIe4 Expansion Slot
- Optional DICOM Part 14 Module

Specification

Model	WMP-24P-IP54 IP0A (STD)	WMP-24P-IP54 IP0B (ISO)
CPU / Chipset	FCBGA1744 Intel® 12th Gen. Core i7/i5/i3 & Celeron Processor (15W Max.) / SoC Support Vpro by Core i7/i5 CPU	
Graphic	Intel® Iris Xe Graphics (i7/i5 CPU) / Intel® UHD Graphics (i3 CPU)	
RAM	Two 4800 MHz DDR5 SODIMM Socket Support Dual Channel, non-ECC, up to 64GB	
OS Support	Optional Win 10 IoT Enterprise LTSC, Win 11 IoT Enterprise GAC	
Storage	1 x M.2 (M Key 2280) with PCIe4 for SSD, 2.5" SATA3 HDD/SSD drive bay x 1	
Expansion	1 x PCIe4 (25W max.), 1 x M.2 E Key	
Display Size	23.8" wide TFT-Color LCD (16:9)	
Display	1920 x 1080 (Full HD), 16.7M colors (True.8 bit), 178(H) / 178(V), 250 nits (Typ. Center point), CR:3000: 1 (Typ)	
Touch Screen	Projected Capacitive Multi-Touch Panel / Light Transmission: ≥ 85% / Hardness: ≥ 7H pencil, pressure 765g/45° / Life: 50000	
USB	4 x USB3.2 gen II	4 x USB3.2 gen II, 1 x ISO USB2.0
COM	1 x RS232/RS422/RS485, 1 x RS-232	1 x ISO RS232/RS422/RS485 1 x ISO RS-232
LAN	2 x RJ45 (1 x 1.0 Gbps, 1 x 2.5 Gbps)	2 x RJ45 (1 x 1.0 Gbps, 1 x 2.5 Gbps), 1 x ISO RJ45
Audio/ Video	1 x Line-out & 1 x Microphone-in (3.5mm phone jack) / 1 x DP1.4a, 1 x HDMI2.0, 1 x HDMI (video-in)	
Speakers & Mic.	2 x 2-watt Speakers & Integrated Microphone (at Housing Bottom Side)	
Reading light	Light bar x 2 (at housing bottom side)	
Control Hot Key (R to L)	Battery LED Indicator, Power On/Off, Volume +/-, Brightness +/-, Reading Light, LCD Backlight On/Off, Clean Me, Function Key	
Cooling	Fanless Design with External Heatsink	
Battery Pack	Option 1xDR-202 UPS Battery	
Power Input	DC-In x 1, DC 14 ~ 24V input	
Power Adapter	AC input 100~240V / 47 ~ 63 Hz / DC output 24V, 180W	
Temperature	Operating Temperature: 0~40°C (Burn-in, not airtight, W/ Battery 0~35°C) / Storage Temperature: -20~60°C	
Humidity	Operating & Storage: 10 ~ 90%, non-condensing	
IP Rating	Front IP65, Rear IP54	
Housing	Front: Full flat design/ Touch (standard)/ Glass (customized); Rear: Plastic White w/Anti-bacteria (MRSA) Housing	
Dimensions (Net)	594.0mm (H) x 397.0mm (V) x 56.0mm (T)	
Weights (Net)	9.0 kg (w/o power adapter/battery pack)	
Mounting	VESA 100 x 100	
Certification	CE: EN IEC 60601-1-2:2015/A1:2021(Ed 4.1) EN 60601-1: 2006/A2:2021; IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012, IEC 60601-1:2005/AMD2:2020 VCCI: 2016-11, Class B (PSU/Battery with PSE) / FCC: Part 18 Class B UL: AAMI ES60601-1:2005/(R)2012 and A1:2012/(R)2012 and A2:2021 By Project cUL: CAN/CSA-C22.2 No. 60601-1:14 By Project ISO 14971 / IEC62133	

Dimensions

Units (mm)



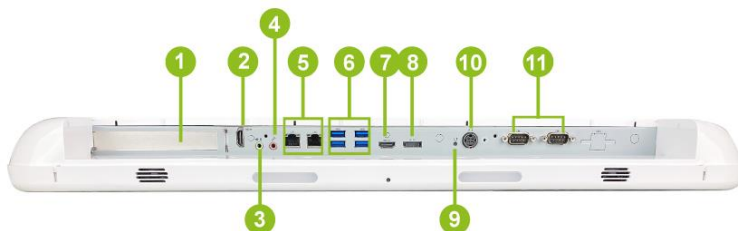
Major Options & Customization

Add On Parts	① 802.11 ac/a/b/g/n WLAN + Bluetooth module
	② 802.11 ax/a/b/g/n WLAN + Bluetooth module (Wifi-6)
	③ Auto focus 5M pixel webcam module
	④ 2.5" Storage
	⑤ M.2 type 2280 module
	⑥ RFID (13.56MHz); RFID with single sign on
	⑦ TPM 2.0 module (SPI)
	⑧ Full HD capture card or 4K SC710N1 12G SDI capture card
	⑨ USB 2.0 x 2 at side
	⑩ Smart card reader at side or CAC / PIV Reader (FIPS-201)
	⑪ 5V1A power Jack (for Standard Type)
	⑫ Equipotential terminal pin
	⑬ AG film (Can't exist with DICOM)
	⑭ Light sensor for LCD auto brightness (Can't exist with webcam & DICOM)
	⑮ DICOM part 14 compliance (optional order configuration) (Can't exist with Light sensor)
	⑯ Isolated 4KV module (optional order configuration)
	⑰ 30 Watt Power output card for external device
	⑱ USB 5/6 (USB 2.0 can't co-exist with side USB)
Customization	① Tempered Glass
	② COM Port Support 5V1A Output
	③ AG Coating

Order Information

Item	Configuration
WMP-24P-IP54-IP0P-i5	Core i5-1235U 4.40GHz / DDR5 8G RAM / M.2 128G SSD / P.cap touch / Support Vpro / IP54
WMP-24P-IP54-IP0A-i7	Core i7-1255U 4.70GHz / DDR5 8G RAM / M.2 128G SSD / P.cap touch / Support Vpro / IP54
WMP-24P-IP54-IP0B-i5-ISO	Core i5-1235U 4.40GHz / DDR5 8G RAM / M.2 128G SSD / P.cap touch / Support Vpro / IP54 / ISO

I/O ports



- 1 PCI-E expansion
- 2 Video-in
- 3 Line-out
- 4 Microphone-in
- 5 LAN x 2
- 6 USB3.2 gen II x 4
- 7 HDMI out x 1
- 8 DP out x 1
- 9 Reset
- 10 DC-in
- 11 COM x 2



Rear IP54



Optional side I/O with
waterproof cover



I.O. Cover Included