

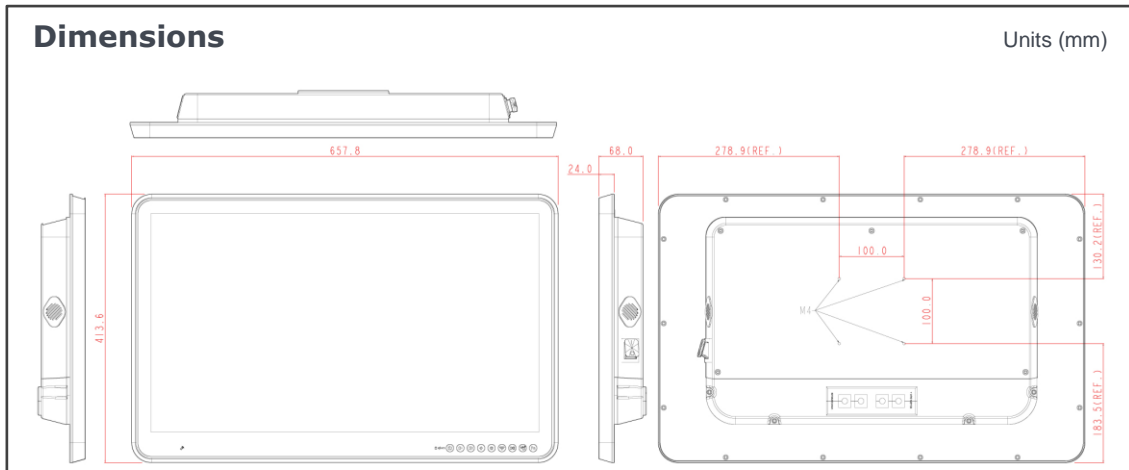


Features

- Intel 12th/13th generation Core i CPU
- Anti-bacteria Aluminum Housing
- 27" 4K2K AHVA Diagnostic Panel
- IP65 at front, Rear IP54 protection with cable cover attached
- Optional 4K capture card
- LAN/COM 4KV Isolated Module
- Power Supply Inside
- Supports Dual Channel DDR5 SODIMM
- Fast booting with M.2 M Key 2280 PCIe X 4 SSD (Support NVMe SSD) as drive disk
- Fanless solution

Specification

Model	WMP-27T-PIS IP0A (STD)	WMP-27T-PIS IP0B (ISO)
Main System		
CPU / Chipset	FCBGA1744 12 th /13 th generation Intel® Core i7/i5/i3 and Celeron processor (35W max.)/Soc	
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 64 bit, Windows 11 IoT Enterprise LTSC 64 bit	
Storage	1 x M.2 (M Key, 2280) with PCIe x4 for SSD, 1 x 2.5" SATA3 HDD/SSD drive bay	
Expansion	1 x PCI-E x8 expansion slot (PCI-E x4 Signal 20W Max.), 1x M.2 E key 2230,	
Display Size	27" 16:9	
Display (AHVA)	3840 x 2160 (4K2K), 1.07B colors (8 bit + Hi-FRC) 178(H) / 178(V), 500 nits (Typ. Center point), CR:1000: 1 (Typ) Optional 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: ≥ 84% / Hardness: ≥ 7H pencil, pressure 765g/45° / Life: 100M time	
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/RS422/RS485
LAN	1 x RJ45 1Gbps Intel® I219LM (AMT/Vpro) 1 x RJ45 2.5Gbps Intel® I226V	1 x RJ45 1Gbps Intel® I219LM (AMT/Vpro) 1 x RJ45 2.5Gbps Intel® I226V, 1 x ISO RJ45 1Gbps
Audio	3.5mm phone jack connector * 2 (Line-out, Mic-In), Waterproof 2 X 2W speaker	
Video output	1 x DP, 1 x HDMI	
Video-In	1 x HDMI (without audio, FHD sku only)	
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 / DC output 24V 250W	
Temperature	Operating Temperature: 0~35°C (IEC60068-2-78) Storage Temperature: -20~60°C	
Humidity	Operating & Storage:10 ~ 90%, non-condensing	
IP Rating	Front: IP65, Rear: IP54 with optional cable cover attached	
Housing	Rear: Aluminum Alloy Body / White (Touch)	
Dimensions (Net)	657.8 mm (H) x 413.6 mm (V) x 68 mm (T)	
Weights (Net)	11.7 kg	
Mounting	VESA 100 x 100	
Certification (By Project)	CE (EN 60601-1-2 :2015 ver. 4.1) / EN 60601-1: 2006/A2: 2021; IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012, IEC 60601-1:2005/AMD2:2020 FCC (Part 18 Class B) / VCCI (2016-11, class B) UL: AAMI ES60601-1:2005/(R)2012 and A1:2012/(R)2012 and A2:2021) (V3.2) / cUL CAN/CSA-C22.2 No. 60601-1:14) (V3.2) / ISO 14971	



Major Options

Accessory	<ul style="list-style-type: none"> 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
Options	<ul style="list-style-type: none"> ① 802.11 ac/a/b/g/n WLAN + Bluetooth module ② 802.11 be WLAN + Bluetooth module (Wifi-7) ③ 2.5" SSD module ④ M.2 type 2280 module ⑤ RFID (13.56MHz) ⑥ TPM 2.0 module (SPI Interface) ⑦ Full HD capture card or 4K SC710N1 12G SDI capture card ⑧ Equipotential terminal pin ⑨ AG film (Can't Co-exist with DICOM Module) ⑩ DICOM part 14 compliance (max. error ratio less than 20%) for FHD panel only ⑪ Windows 10 IoT Enterprise LTSC 64 bit / Windows 11 IoT Enterprise LTSC 64 bit ⑫ 4KV ISO USB2.0 x 2 card (High speed) ⑬ FHD AHVA Diagnostic Panel
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 ④ Optical bonding

Order Information

Item	Configuration
WMP-27T-PIS-IP0A-i5	Core i5-13600HE 4.8GHz/ DDR5 8G RAM/ M.2 128G SSD/ Full flat P.cap touch /4K (support Vpro)
WMP-27T-PIS-IP0A-i7	Core i7-13800HE 5.0GHz/ DDR5 8G RAM/ M.2 128G SSD/ Full flat P.cap touch / 4K (support Vpro)
WMP-27T-PIS-IP0B-i5	Core i5-13600HE 4.8GHz/ DDR5 8G RAM/ M.2 128G SSD/ Full flat P.cap touch / 4K / ISO (support Vpro)

I/O ports

