



Features

- Intel 13th generation Core i CPU
- Anti-bacteria Aluminum Housing
- 27" 4K2K AHVA Diagnostic Panel
- IP65 Front, Rear IP54 with Cable Cover
- Optional 4K Capture Card
- Optional LAN/COM 4KV Isolated Module
- Power Supply Inside
- Fast booting with M.2 M Key 2280 PCIe X 4 SSD (Support NVMe SSD) as drive disk
- Fanless solution
- OS Recovery and Watch Dog Timer

Specification

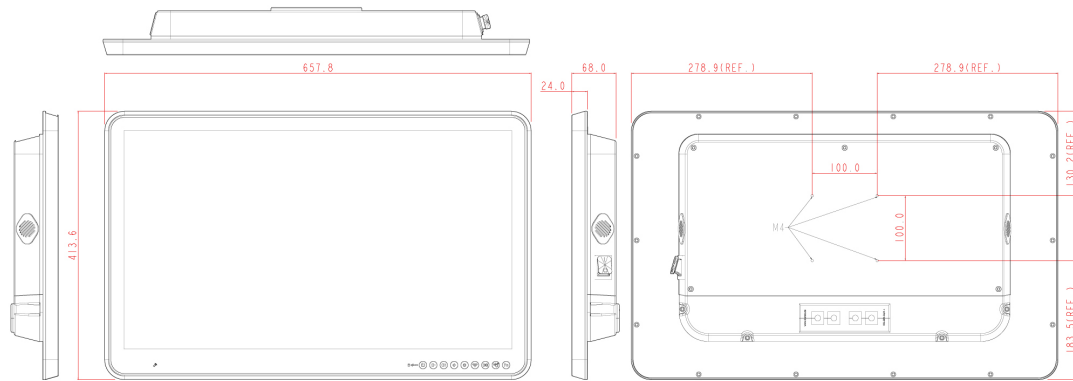
Model	WMP-27T-PIS IP0A (STD)	WMP-27T-PIS IP0B (ISO)
Main System		
CPU / Chipset	FCBGA1744 13 th generation Intel® Core i7/i5/i3 and Celeron processor (35W max.)/Soc	
Graphic	Intel® Iris Xe Graphics (i7/i5 CPU) / Intel® UHD Graphics (i3 CPU)	
RAM	Two 4800 MHz DDR5 SODIMM socket support dual Channel, non-ECC, 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)	
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	
Control Hot Key (L to R)	Battery LED Indicator; Power; Volume +/-; Brightness +/-; Wifi On/Off, 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	
Housing	Rear: Aluminum Alloy Body / White (Touch), Anti-bacteria Housing	
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 (By project) / EN 60601-1: 2006/A2: 2021; IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012, IEC 60601-1:2005/AMD2:2020 (By project) FCC: Part 18 Class B (By project) / VCCI: 2016-11, Class B (By project) UL: AAMI ES60601-1:2005/(R)2012 and A1:2012/(R)2012 and A2:2021) (V3.2) (By project) / cUL CAN/CSA-C22.2 No. 60601-1:14 (By project) / ISO 14971	

WMP-27T-PIS

Medical OR Panel PC

Dimensions

Units (mm)



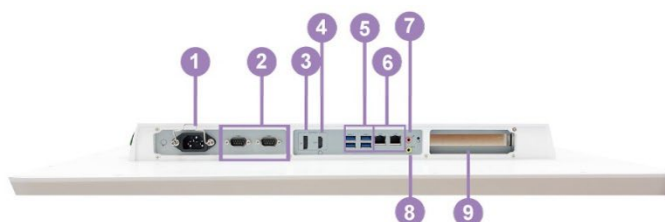
Major Options

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
Options	1. 802.11 be WLAN + Bluetooth module (Wifi-7) 2. 2.5" SSD module 3. M.2 type 2280 module 4. RFID (13.56MHz) 5. TPM 2.0 module (SPI Interface) 6. Full HD capture card or 4K SC710N1 12G SDI capture card 7. Equipotential terminal pin 8. AG film 9. Windows 10 IoT Enterprise LTSC 64 bit / Windows 11 IoT Enterprise LTSC 64 bit 10. 4KV ISO USB2.0 x 2 card (High speed)
Customization	1. Tempered glass 2. Touch with AG coating - 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



- | | |
|---------------------|-------------------|
| 1 AC-in | 6 LAN x 2 |
| 2 COM x 2 | 7 Microphone-in |
| 3 DP out x 1 | 8 Line-out |
| 4 HDMI out x 1 | 9 PCI-E expansion |
| 5 USB3.2 gen II x 4 | |