



### Features

- Intel 12th generation Core i CPU (H series)
- Anti-bacteria Aluminum Housing
- 21.5" FHD 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-22T-PIS IP0A (STD)	WMP-22T-PIS IP0B (ISO)
<b>Main System</b>		
<b>CPU / Chipset</b>	FCBGA1744 12th generation Intel® Core i7/i5/i3 and Celeron processor (35W max.)/ Soc	
<b>Graphic</b>	Intel® Iris Xe Graphics (i7/i5 CPU) / Intel® UHD Graphics (i3 CPU)	
<b>RAM</b>	Two 4800 MHz DDR5 SODIMM socket support dual Channel, non-ECC, up to 64GB	
<b>OS Support</b>	Optional Win 10 IoT Enterprise LTSC 64 bit, Windows 11 IoT Enterprise GAC 64 bit	
<b>Storage</b>	1 x M.2 (M Key, 2280) with PCIe x4 for SSD, 1 x 2.5" SATA3 HDD/SSD drive bay	
<b>Expansion</b>	1 x PCI-E x8 expansion slot (PCI-E x4 Signal), 1x M.2 E key 2230,	
<b>Display Size</b>	21.5" 16:9	
<b>Display (AHVA)</b>	1920 x 1080 (Full HD), 16.7M colors, 178(H) / 178(V), 250 nits (Typ. Center point), CR:1000: 1 (Typ)	
<b>Touch Screen</b>	Full flat projective capacitive touch panel / Light Transmission: 85% ± 3% / Hardness: 6H pencil, pressure 750g/45° / Life: 100M times	
<b>I.O. Ports</b>	<b>STD</b>	<b>ISO</b>
<b>USB</b>	4 x USB 3.2 gen 2	4 x USB 3.2 gen 2
<b>COM</b>	1 x RS232, 1 x RS232/RS422/RS485	1 x ISO RS232/RS422/RS485
<b>LAN</b>	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
<b>Audio</b>	3.5mm phone jack connector * 2 (Line-out, Mic-In)	
<b>Video output</b>	DP 1.4a/DP++ x1, HDMI 2.0b x 1	
<b>Video-In</b>	1 x HDMI-in (without audio)	
<b>Control Hot Key (L to R)</b>	Battery LED Indicator; Power; Menu/Exit; Brightness; Video-In LCD On/Off; Clean Me; Programmable Function	
<b>Mechanical and Environmental</b>		
<b>Cooling</b>	Fanless	
<b>Power Adapter</b>	AC input 100 ~240V / 47 ~ 63 Hz, DC output 24V 250W (MBU-250-108)	
<b>Temperature</b>	Operating Temperature: 0~35°C (IEC60068-2-78) Storage Temperature: -20~60°C	
<b>Humidity</b>	Operating & Storage:10 ~ 90%, non-condensing	
<b>IP Rating</b>	Front: IP65, Rear: IP54 with cable cover attached	
<b>Housing</b>	Rear: Aluminum Alloy Body / White (Touch)	
<b>Dimensions (Net)</b>	541.9mm (H) x 347.1mm (V) x 59mm (T) (TBD)	
<b>Weights (Net)</b>	<10kg (TBD)	
<b>Mounting</b>	VESA 100 x 100	
<b>Certification</b>	FCC (Part 18 Class B) / CE (EN 60601-1-2 :2015 ver. 4.1) / VCCI (2016-11, class B) UL (ES60601-1:2012 (V3.2) By Project / cUL (C22.2 No. 60601-1:2014 V3.2) By Project MDR (2017/745) / ISO 14971	

Dimensions	Units (mm)
<b>TBD</b>	

Major Options	
Accessory	<ul style="list-style-type: none"> <li>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)</li> <li>② WMP series stand, VESA 100</li> </ul>
Options	<ul style="list-style-type: none"> <li>① 802.11 ac/a/b/g/n WLAN + Bluetooth module (optional order configuration)</li> <li>② 802.11 ax/a/b/g/n WLAN + Bluetooth module (Wifi-6) (optional order configuration)</li> <li>③ 2.5" SSD module</li> <li>④ M.2 type 2280 module</li> <li>⑤ RFID (13.56MHz)</li> <li>⑥ TPM 2.0 module (SPI Interface)</li> <li>⑦ Full HD capture card or 4K SC710N1 12G SDI capture card</li> <li>⑧ Equipotential terminal pin</li> <li>⑨ AG film (Can't Co-exist with DICOM Module)</li> <li>⑩ DICOM part 14 compliance (max. error ratio less than 20%, optional order configuration)</li> <li>⑪ Optical bonding</li> <li>⑫ 4KV ISO USB2.0 x 2 card (High speed - optional order configuration)</li> </ul>
Customization	<ul style="list-style-type: none"> <li>① Tempered glass</li> <li>② Touch with AG coating                             <ul style="list-style-type: none"> <li>- anti-reflective,</li> <li>- anti-microbial,</li> <li>- anti-glare,</li> <li>- anti-fingerprint</li> </ul> </li> <li>③ Auto focus 5M pixel webcam module</li> </ul>

## Order Information

Item	Configuration
WMP-22T-PIS-IP0A-i5	Core i5-12600HE 4.5GHz/ DDR5 8G RAM/ M.2 128G SSD/ Full flat P.cap touch (support Vpro)
WMP-22T-PIS-IP0A-i7	Core i7-12800HE 4.6GHz/ DDR5 8G RAM/ M.2 128G SSD/ Full flat P.cap touch (support Vpro)
WMP-22T-PIS-IP0B-i5	Core i5-12600HE 4.5GHz/ DDR5 8G RAM/ M.2 128G SSD/ Full flat P.cap touch, ISO (support Vpro)

## I/O ports

