

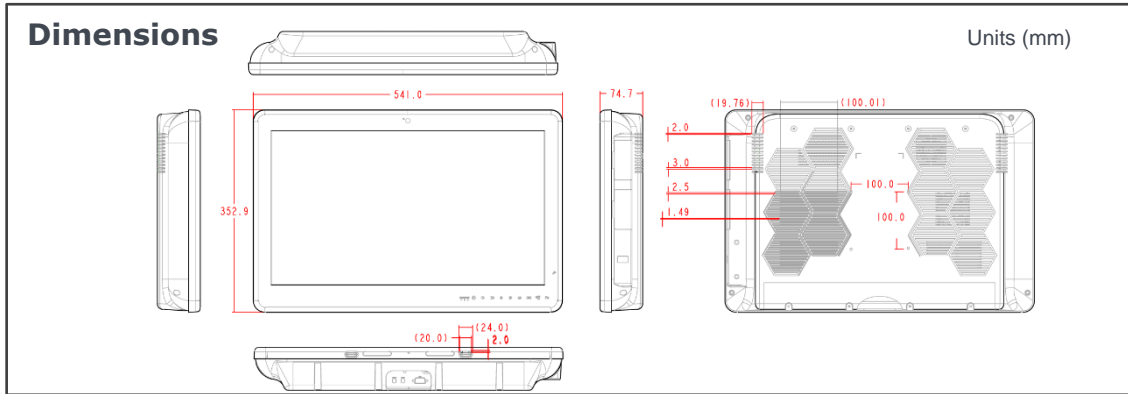


### Features

- Anti-Bacteria (MRSA) Plastic Housing
- 21.5" Full HD (1920 x 1080) AHVA Diagnostic Panel
- Intel 12th /13th gen. Core i CPU
- Supports Dual Channel DDR5 up to 96GB
- P.cap Multi-touch screen (10 fingers)
- Optional Independent Nvidia A4500 graphic with 16GB dedicated video memory
- Video in port with RGB Color adjustment function
- Support MECM, DFCI & Autopilot

### Specification

Model	WMP 22S IP0A (STD)	WMP 22S IP0B (ISO)
<b>Main System</b>		
<b>CPU / Chipset</b>	LGA1700 package 12th /13th generation Intel® Core i7/i5/i3/Pentium/Celeron processor (35W max.) / Intel® Q670E Chipset	
<b>Graphic</b>	Intel® integrated UHD Graphics 770 by CPU	
<b>RAM</b>	Two 5600 MHz DDR5 SODIMM socket support dual Channel, non-ECC, up to 96GB	
<b>OS Support</b>	Windows 10 IoT LTSC 2021 (64bit) / Windows 11 IoT GAC (64bit)	
<b>Storage</b>	M.2 M.Key 2280 PCIe X 4 SSD (Support NVMe SSD up to 1TB) M.2 B/M Key, (2280) with PCIe x1 PCIe/SATA/USB	
<b>Expansion</b>	M.2 E key 2230 x 1, M.2 B/M Key, (2280) with PCIe x1 PCIe/SATA/USB PCI-E x 4 expansion slot x 1 (40W max)	
<b>Display Size</b>	21.5" LED Backlight	
<b>Display</b>	1920 x 1080 (Full HD), 16.7M colors, 178(H) / 178(V), 250 nits (Typ.), CR: 1000 : 1 (Typ)	
<b>Touch Screen</b>	Projected Capacitive Multi-Touch Panel (10 fingers) / Light Transmission: ≥ 87% / Hardness: 7H pencil, pressure 765g/45° / Life: 50000	
<b>I.O. Ports</b>		
<b>USB</b>	4 x USB 3.2 Gen II (Type A) 1 x USB 3.2 II (Type C, Support DP 1.4a display output; 5V/3A power output)	4 x USB 3.2 Gen II (Type A) 1 x USB 3.2 II (Type C, Support DP 1.4a display output; 5V/3A power output)
<b>COM</b>	1 x RS232/RS422/RS485, 1 x RS232	1 x ISO RS232/RS422/RS485
<b>LAN</b>	1 x Intel® I219LM with 10/100/1000 Mbps, support AMT / vPro 1 x Intel® I226V with 10/100/1000/2500 Mbps	1 x Intel® I219LM with 10/100/1000 Mbps, support AMT / vPro 1 x Intel® I226V with 10/100/1000/2500 Mbps, 1 x ISO RJ45
<b>Audio / Video</b>	3.5mm phone jack connector * 2 (Line-out, Mic-In) DP 1.4a/DP++ x1, HDMI 2.0b x 1, HDMI-in x 1 (Without Audio)	
<b>Hot Key (R to L)</b>	Power Button // Audio adjustment // brightness // Reading Light // LCD on/off // Clean me // Programming Function Key	
<b>Mechanical and Environmental</b>		
<b>Cooling</b>	Fan	
<b>Power Input</b>	DC 14~19V input	
<b>Power Adapter</b>	AC input 100 ~240V / 47 ~ 63 Hz / DC output 19V / 250W (MPU250A-107 W/PSE)	
<b>Temperature</b>	Operating Temperature: 0~40°C (IEC60068-2-78) Storage Temperature: -20~60°C	
<b>Humidity</b>	Operating & Storage: 10 ~ 90%, non-condensing	
<b>IP Rating / Housing</b>	IP65 (Front Side), IPX1 for whole system / Plastic White w/Anti-bacteria (MRSA)	
<b>Dimensions (Net)</b>	541.0mm (H) x 352.9mm (V) x 74.7mm (T)	
<b>Weights (Net)</b>	8.0 kg (w/o power adapter)	
<b>Mounting</b>	Optional Stand, VESA 100	
<b>Certification (All regulation with CPU i7-13700TE and Nvidia A4500 graphic MXM module)</b>	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, IEC60601-1:2005/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	

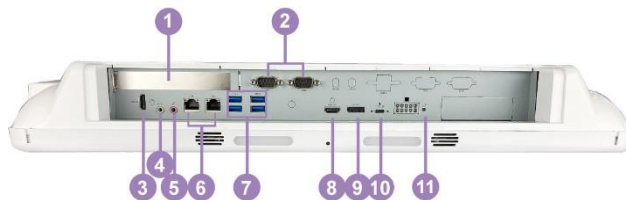


Major Options	
Options	<ol style="list-style-type: none"> <li>802.11 ac/a/b/g/n WLAN + Bluetooth module or Wifi 6 or Wifi 7</li> <li>Auto focus 5M pixel webcam module</li> <li>RFID (13.56MHz) with single sign on function</li> <li>TPM 2.0 module</li> <li>PCIe x 4 riser card</li> <li>Full HD capture card &amp; 4K SC710N1 M2 12G SDI capture card / SC710N1-L HDMI2.0</li> <li>Battery pack (100W max) (DR-202 series) (100min battery life by PCmark test condition)</li> <li>Equipotential terminal pin</li> <li>AG film (Can't co-exist with DICOM)</li> <li>USB 2.0 (Type A) x 2 at side</li> <li>Smart card reader at side or CAC / PIV Reader (FIPS-201)</li> <li>USB 2.0 x 2 (USB 5,6)</li> <li>RS-232 x 2 (COM 3,4) only for standard configuration</li> <li>DICOM part 14 compliance module Max. Error Ratio less than 20% (optional order configuration)</li> <li>Independent Nvidia MXM A4500/A2000/A1000 graphic</li> <li>GPIO capture card control solution</li> </ol>
Accessory	<ol style="list-style-type: none"> <li>Cable clean IO cover</li> <li>WMP series stand, VESA 75/100</li> </ol>
Customization	<ol style="list-style-type: none"> <li>Tempered glass</li> </ol>

## Order Information

Item	Configuration
WMP-22S-IP0A-i5	Core i5-13500TE 1.30GHz / DDR5 8G RAM / M.2 128G SSD / Full flat P.cap touch / STD (Support vPro® Enterprise)
WMP-22S-IP0A-i7	Core i7-13700TE 1.10GHz / DDR5 8G RAM / M.2 128G SSD / Full flat P.cap touch / STD (Support vPro® Enterprise)
WMP-22S-IP0B-i5	Core i5-13500TE 1.30GHz / DDR5 8G RAM / M.2 128G SSD / Full flat P.cap touch / ISO (Support vPro® Enterprise)

## I/O port (standard)



- |                   |                     |
|-------------------|---------------------|
| 1 PCI-E expansion | 7 USB3.2 gen II x 4 |
| 2 COM x 2         | 8 HDMI out x 1      |
| 3 Video-in x1     | 9 DP out x 1        |
| 4 Line-out        | 10 Type C DP x 1    |
| 5 Microphone-in   | 11 Reset            |
| 6 LAN x 2         |                     |

