



## Features

- Intel® Core Ultra 100 /200 Series CPU (H series), 28W max.
- Anti-bacteria Aluminum Housing Light Weight 7.4 KG
- 21.5" FHD AHVA Diagnostic Panel
- IP65 at front, Optional Rear IP54
- Optional LAN/COM 4KV Isolated Module
- Power Supply Inside
- Supports Dual Channel DDR5 SODIMM up to 96GB
- Fast booting with M.2 M Key 2280 PCIe X 4 SSD (Support NVMe SSD) as drive disk
- Fanless solution

## Specification

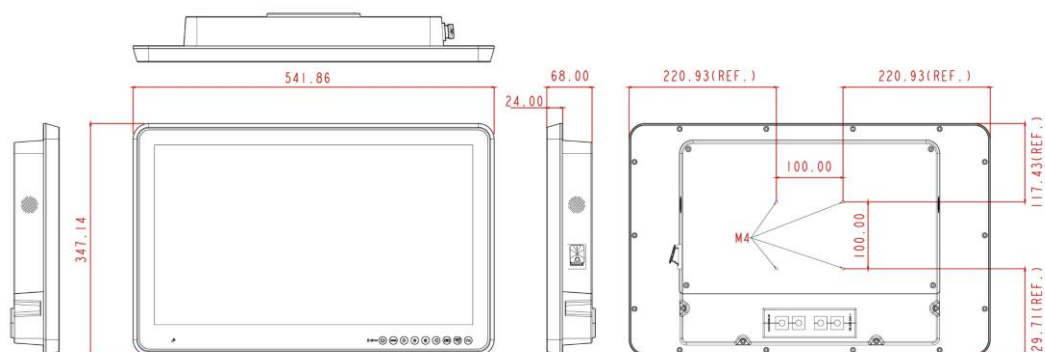
| Model                        | WMP-22V-PIS-L IP0N (STD)                                                                                                                                                                                                                                                                                                 | WMP-22V-PIS-L IP0B (ISO)                                                                        |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Main System                  |                                                                                                                                                                                                                                                                                                                          |                                                                                                 |
| CPU / Chipset                | FCBGA 2049 Intel® Core Ultra 100/ 200 Series CPU (H series), 28W max./ Soc                                                                                                                                                                                                                                               |                                                                                                 |
| Graphic                      | Intel® ARC Graphics                                                                                                                                                                                                                                                                                                      |                                                                                                 |
| RAM                          | Two 6400 MHz DDR5 SODIMM socket support dual Channel, non-ECC, up to 96GB                                                                                                                                                                                                                                                |                                                                                                 |
| 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 SATA DOM or E key SSD                                                                                                                                                                                                                                                    |                                                                                                 |
| TPM                          | On board TPM 2.0                                                                                                                                                                                                                                                                                                         |                                                                                                 |
| Expansion                    | 1x M.2 E key 2230,                                                                                                                                                                                                                                                                                                       |                                                                                                 |
| Display Size                 | 21.5" 16:9                                                                                                                                                                                                                                                                                                               |                                                                                                 |
| Display (AHVA)               | 1920 x 1080 (Full HD), 16.7M colors, 178(H) / 178(V), 250 nits (Typ. Center point), CR:1000: 1 (Typ)                                                                                                                                                                                                                     |                                                                                                 |
| Touch Screen                 | Full flat projective capacitive touch panel / Light Transmission: 88%+/-3%(STD) / Hardness: ≥6H pencil, pressure 750g/45° / Life: ≥50,000 times                                                                                                                                                                          |                                                                                                 |
| I.O. Ports                   | STD                                                                                                                                                                                                                                                                                                                      | ISO                                                                                             |
| USB                          | 2 x USB 3.2 Type A, 1 x USB 3.2 Type C<br>3 x USB 2.0 Type A (By Cable)                                                                                                                                                                                                                                                  | 2 x USB 3.2 Type A, 1 x USB 3.2 Type C<br>3 x USB 2.0 Type A (By Cable)                         |
| COM                          | 1 x RS232, 1 x RS232/RS422/RS485                                                                                                                                                                                                                                                                                         | 1 x ISO RS232/RS422/RS485                                                                       |
| LAN                          | 1 x RJ45 2.5Gbps Intel® I226LM (support AMT/Vpro)<br>1 x RJ45 2.5Gbps Intel® I226V                                                                                                                                                                                                                                       | 1 x RJ45 1Gbps Intel® I219LM (AMT/Vpro)<br>1 x RJ45 2.5Gbps Intel® I226V,<br>1 x ISO RJ45 1Gbps |
| Audio                        | 1 x 3.5mm combo Connector (Line-out, Mic-In), 2 x Waterproof 2W Speaker                                                                                                                                                                                                                                                  |                                                                                                 |
| Video output                 | 1 x DP 1.4a/DP++, 1 x HDMI 2.0b                                                                                                                                                                                                                                                                                          |                                                                                                 |
| Video-In                     | 1 x HDMI-in (with audio); Support in S5 Mode                                                                                                                                                                                                                                                                             |                                                                                                 |
| Control Hot Key (L to R)     | Battery LED Indicator; Power; Menu/Exit; Brightness; Video-In<br>LCD On/Off; Clean Me; Programmable Function                                                                                                                                                                                                             |                                                                                                 |
| Mechanical and Environmental |                                                                                                                                                                                                                                                                                                                          |                                                                                                 |
| Cooling                      | Fanless                                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| Power Supply                 | AC input 100 ~240V / 47 ~ 63 Hz / DC output 24V 250W                                                                                                                                                                                                                                                                     |                                                                                                 |
| Temperature                  | Operating Temperature: 0~35℃ (IEC60068-2-78)<br>Storage Temperature: -20~60℃                                                                                                                                                                                                                                             |                                                                                                 |
| 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) / Bacteria resistant                                                                                                                                                                                                                                                           |                                                                                                 |
| Dimensions (Net)             | 541.9 mm (H) x 347.1 mm (V) x 68 mm (T)                                                                                                                                                                                                                                                                                  |                                                                                                 |
| Weights (Net)                | 7.4 kg                                                                                                                                                                                                                                                                                                                   |                                                                                                 |
| Mounting                     | VESA 100 x 100                                                                                                                                                                                                                                                                                                           |                                                                                                 |
| Certification                | CE: EN 60601-1-2:2015 (V4.1)<br>EN 60601-1: 2006/A2:2021; IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012, IEC 60601-1:2005/AMD2:2020<br>VCCI: 2016-11, Class B<br>FCC: Part 18 Class B<br>UL: AAMI ES60601-1:2005/(R)2012 and A1:2012/(R)2012 and A2:2021) (By project)<br>cUL: CAN/CSA-C22.2 No. 60601-1:14) (By project) |                                                                                                 |

# WMP-22V-PIS-L

## Medical OR Panel PC

### Dimensions

Units (mm)



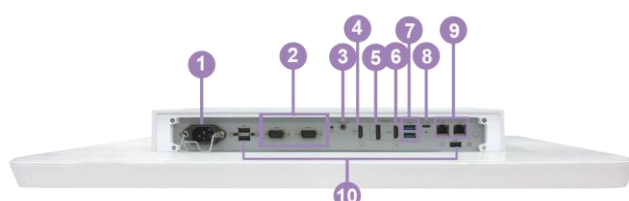
### Major Options

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Accessory     | <ol style="list-style-type: none"> <li>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>WMP series stand, VESA 100</li> </ol>                                                                                                                                                                                                                                                                                                  |
| Options       | <ol style="list-style-type: none"> <li>Internal Antenna Wifi-7</li> <li>M.2 type 2280 module</li> <li>2nd Storage (SATA DOM or E key SSD)</li> <li>RFID (13.56MHz) / SSO RFID</li> <li>Equipotential terminal pin</li> <li>AG film</li> <li>Optical bonding</li> <li>Auto focus 5M pixel webcam module (optional order configuration)</li> <li>2 x 4KV ISO-USB2.0 (High speed - optional order configuration, can't co-exist with Webcam)</li> <li>High Brightness 500 nits Panel</li> </ol> |
| AP/API        | <ol style="list-style-type: none"> <li>Watch Dog Timer AP/API</li> <li>On Screen Display AP</li> <li>Intelligent i-Control to Optimize Thermal, Computing and Power AP</li> <li>Hardware Monitoring AP</li> <li>Hotkey Control AP/API</li> </ol>                                                                                                                                                                                                                                             |
| Customization | <ol style="list-style-type: none"> <li>Tempered glass</li> <li>Touch with AG coating <ul style="list-style-type: none"> <li>- anti-reflective,</li> <li>- anti-microbial,</li> <li>- anti-glare.</li> </ul> </li> </ol>                                                                                                                                                                                                                                                                      |

### Order Information

| Item               | Configuration                                                                                                          |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| WMP-22V-PIS-IP0N-5 | Core Ultra 5 225H 1.7GHz/ DDR5 16G RAM/ M.2 128G SSD/ Full flat P.cap touch (support Intel Standard Manageability)     |
| WMP-22V-PIS-IP0N-7 | Core Ultra 7 255H 2.0GHz/ DDR5 16G RAM/ M.2 128G SSD/ Full flat P.cap touch (support Intel Standard Manageability)     |
| WMP-22V-PIS-IP0B-5 | Core Ultra 5 225H 1.7GHz/ DDR5 16G RAM/ M.2 128G SSD/ Full flat P.cap touch/ISO (support Intel Standard Manageability) |

### I/O Ports (STD)



- |                   |                  |
|-------------------|------------------|
| 1 AC-in           | 7 USB 3.2 x 2    |
| 2 COM x 2         | 8 USB Type C x 1 |
| 3 Combo Audio x 1 | 9 LAN x 2        |
| 4 Video-in x 1    | 10 USB 2.0 x 3   |
| 5 DP out x 1      |                  |
| 6 HDMI out x 1    |                  |