



### Features

- Intel® 10<sup>th</sup> Gen Core™ 35W Max.
- 23.8" FHD 1920x1080 MVA LCD panel
- Anti-Bacteria (MRSA) Plastic Housing
- P-Cap Multi-Touch Panel
- Fast Booting w/M.2 NVMe SSD
- PCIe16 Expansion Card Up to 20W
- Optional Rear IP54 Solution
- Optional DICOM Part 14 Compliance
- Optional ISO 4KV LAN/COM/USB Module
- Defaulted OS Recovery

### Specification

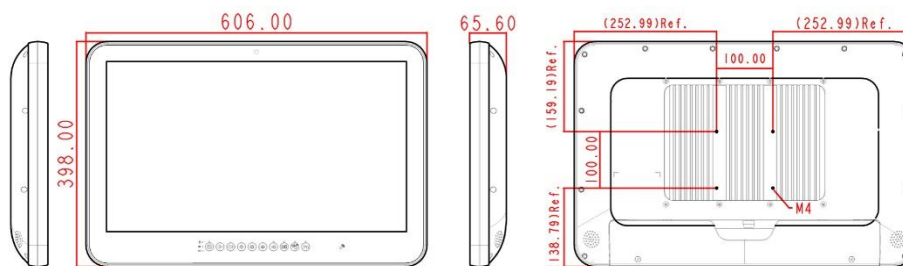
| Model                    | WMP-24MD IP0A (STD)                                                                                                                                                                                                                                                                                                                                          | WMP-24MD IP0B (ISO)                                                                              |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| CPU / Chipset            | Intel® 10 <sup>th</sup> Gen. Core i7/i5/i3/Pentium/Celeron Processor (35W Max.) / Q470E Chipset                                                                                                                                                                                                                                                              |                                                                                                  |
| Graphic                  | Intel® integrated UHD Graphics                                                                                                                                                                                                                                                                                                                               |                                                                                                  |
| RAM                      | Two 260-pin SODIMM Dual Channel DDR4 2933/2666/2400 MHz, non-ECC, up to 64GB                                                                                                                                                                                                                                                                                 |                                                                                                  |
| OS Support               | Optional Windows 10 IoT Enterprise, Windows 11 IoT Enterprise                                                                                                                                                                                                                                                                                                |                                                                                                  |
| Storage                  | 1 X M.2 (M Key, 2280) w/PCIex4 & SATA3 for SSD,<br>1 X 2.5" SATA3 HDD/SSD drive bay                                                                                                                                                                                                                                                                          |                                                                                                  |
| Expansion                | 1 X M.2 E Key 2230, 1 x M.2 (B/M Key 2242/2260/2280) w/PCIe,<br>1 x PCIe16 ( 20W max )                                                                                                                                                                                                                                                                       |                                                                                                  |
| Display Size             | 23.8" wide MVA Diagnostic LCD (16:9)                                                                                                                                                                                                                                                                                                                         |                                                                                                  |
| Display                  | 1920 x 1080 (Full HD), 16.7M colors 72% NTSC , 178(H) / 178(V),<br>250 nits (Typ. Center point), CR:3000 : 1 (Typ)                                                                                                                                                                                                                                           |                                                                                                  |
| Touch Screen             | Projected Capacitive Multi-Touch Panel / Light Transmission: ≥ 84% / Hardness: ≥ 7H pencil,<br>Pressure 765g/45° / Life: 50000                                                                                                                                                                                                                               |                                                                                                  |
| USB                      | 4 x USB3.2 Gen II                                                                                                                                                                                                                                                                                                                                            | 4 x USB3.2 Gen II, 1 x 4KV ISO USB2.0                                                            |
| COM                      | 1 x RS232/RS422/RS485, 1 x RS232                                                                                                                                                                                                                                                                                                                             | 1 x 4KV ISO RS232/RS422/RS485,<br>1 X 4KV ISO RS232                                              |
| LAN                      | 1 x RJ45 1Gbps Intel® I219LM (AMT/Vpro)<br>1 x RJ45 2.5Gbps Intel® I225V                                                                                                                                                                                                                                                                                     | 1 x RJ45 1Gbps Intel® I219LM (AMT/Vpro)<br>1 x RJ45 2.5Gbps Intel® I225V ,<br>1 x ISO RJ45 1Gbps |
| Audio                    | 3.5mm phone jack connector x 2 (Line-out, Mic-In),<br>Speaker output 5W x 2, Microphone built in x 1                                                                                                                                                                                                                                                         |                                                                                                  |
| Video                    | 1 x DP1.2/DP++ output, 1 x HDMI 1.4a output, 1 x HDMI-video input                                                                                                                                                                                                                                                                                            |                                                                                                  |
| Reading light            | Light bar x 2                                                                                                                                                                                                                                                                                                                                                |                                                                                                  |
| Control Hot Key (L to R) | Power // Audio adjustment+- // Brightness+- // Reading Light // Video Input Selection // LCD<br>on/off // Clean me // Fn: Functional Key                                                                                                                                                                                                                     |                                                                                                  |
| Cooling                  | Fanless                                                                                                                                                                                                                                                                                                                                                      |                                                                                                  |
| Power Adapter            | AC input 100~240V / 47 ~ 63 Hz / DC output 24V, 180W (External)                                                                                                                                                                                                                                                                                              |                                                                                                  |
| Temperature              | Operating Temperature: 0~35°C ( IEC60068-2-78) / Storage Temperature: -20~60°C                                                                                                                                                                                                                                                                               |                                                                                                  |
| Humidity                 | Operating & Storage:10 ~ 90%, non-condensing                                                                                                                                                                                                                                                                                                                 |                                                                                                  |
| IP Rating / Housing      | IP65 (Front Side), IPx1 whole system / Plastic White w/Anti-bacteria (MRSA), Housing                                                                                                                                                                                                                                                                         |                                                                                                  |
| Dimensions (Net)         | 606 mm (H) x 398 mm (V) x 65.6 mm (T)                                                                                                                                                                                                                                                                                                                        |                                                                                                  |
| Weights (Net)            | 9.7 kg (w/o power adapter/battery pack)                                                                                                                                                                                                                                                                                                                      |                                                                                                  |
| Mounting                 | Optional Stand, VESA 100 x 100                                                                                                                                                                                                                                                                                                                               |                                                                                                  |
| Certification            | CE: EN 60601-1-2:2015/A1:2021(V4.1), IEC 60601-1-2:2014+AMD1:2020,<br>EN 60601-1:2006/A2:2021; IEC 60601-1:2005/AMD1:2012, ; IEC 60601-1:2005/AMD2:2020<br>VCCI: 2016-11, Class B / FCC: Part 18 Class B<br>UL: ANSI/AAMI ES60601-1:2012 (V3.1) (By project)<br>cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1) (By project)<br>ISO 14971 / IEC62133 (By project) |                                                                                                  |

# WMP-24MD

Medical AIO Core™ Fanless

## Dimensions

Units (mm)



## Major Options

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Options       | <ol style="list-style-type: none"> <li>1. WLAN + Bluetooth Module (Wi-Fi 7)</li> <li>2. Auto Focus 5M Pixel Webcam Module</li> <li>3. M.2 2280 Module</li> <li>4. RFID (13.56MHz)</li> <li>5. TPM 2.0 Module or fTPM</li> <li>6. Full HD Capture Card or 4K SC710N1 12G SDI Capture Card</li> <li>7. Smart Card Reader at Side or CAC / PIV Reader (FIPS-201)</li> <li>8. Rear IP54</li> <li>9. 2.5" SSD (can't co-exist with DVD and smart card reader)</li> <li>10. Equipotential Terminal Pin</li> <li>11. AG Film (Can't Co-exist with DICOM Module)</li> <li>12. DICOM Part 14 Compliance (Max. Error Ratio Less than 20%, Optional Order Configuration)</li> <li>13. Integrated battery 28Wh x 1 (100W max.)</li> <li>14. COM 3/4</li> <li>15. USB 5/6 (USB 2.0)</li> </ol> |
| Power Cable   | <ol style="list-style-type: none"> <li>1. 2M DC Extension Cable</li> <li>2. Cable Clean IO Cover</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Optional kits | <ol style="list-style-type: none"> <li>1. Anti-bacteria Stand</li> <li>2. VESA Wall Mount</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Customization | <ol style="list-style-type: none"> <li>1. Tempered Glass</li> <li>1. 4K2K UHD Panel</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Order Information

| Item             | Configuration                                                                                       |
|------------------|-----------------------------------------------------------------------------------------------------|
| WMP-24MD-IP0A-i5 | Core i5-10500TE 2.3-3.7GHz / 4G RAM / M.2 128G SSD / Full flat P.cap touch / STD I.O.(support Vpro) |
| WMP-24MD-IP0A-i7 | Core i7-10700TE 2.0-4.4GHz / 4G RAM / M.2 128G SSD / Full flat P.cap touch / STD I.O.(support Vpro) |
| WMP-24MD-IP0B-i5 | Core i5-10500TE 2.3-3.7GHz / 4G RAM / M.2 128G SSD / Full flat P.cap touch / ISO I.O.(support Vpro) |

## I.O. (STD)

