

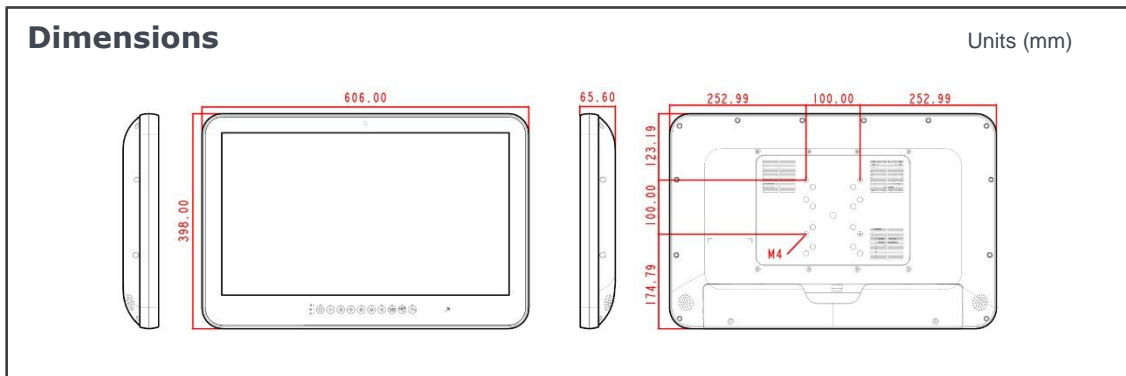


### Features

- Intel® 10th Gen Core™ 35W Max.
- 23.8" FHD 1920x1080 MVA LCD panel
- P-Cap Multi-Touch Screen
- Medical Certification MDR 2017/745 Ready
- Anti-Bacteria (MRSA) Plastic Housing
- Fast Booting w/M.2 NVMe SSD
- PCIe16 Expansion Card Up to 60W
- Optional Full HD capture card
- Optional DICOM Part 14 Compliance
- Optional ISO 4KV LAN/COM/USB Module
- Defaulted OS Recovery

### Specification

Model	WMP-24ND IP0A (STD)	WMP-24ND IP0B (ISO)
CPU / Chipset	Intel® 10th Gen. Core i7/i5/i3/Pentium/Celeron Processor (35W Max.) / Q470E Chipset	
Graphic	Intel® integrated UHD Graphics	
RAM	2 x 260-pin SO-DIMM, Dual Channel DDR4 2933 / 2666 / 2400 MHz, 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, 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, 1 x PCIe16 (60W max)	
Display Size	23.8" wide MVA Diagnostic LCD (16:9)	
Display	1920 x 1080 (Full HD), 16.7M colors (MVA, 8 bit), 178(H) / 178(V), 250 nits (Typ. Center point), CR:3000 : 1 (Typ)	
Touch Screen	Full flat projective capacitive touch panel / Light Transmission: 90% ± 3% / Hardness: 7H pencil, pressure 750g/45° / Life: 100M times	
USB	4 x USB3.2 Gen II	4 x USB3.2 Gen II, 1 x 4KV ISO USB2.0
COM	1 x RS232, 1 x RS232/RS422/RS485	1 x 4KV ISO RS232, 1 X 4KV ISO RS232/RS422/RS485
LAN	1 x RJ45 10/100/1000 Mbps Intel® I219LM (AMT/Vpro) 1 x RJ45 10/100/1000/2500 Mbps Intel® I225V	1 x RJ45 10/100/1000 Mbps Intel® I219LM (AMT/Vpro) 1 x RJ45 10/100/1000/2500 M bps Intel® I225V, 1 x ISO RJ45 1Gbps
Audio	3.5mm phone jack connector x 2 (Line-out, Mic-In) Speaker output 5W x 2, Microphone built in x 1	
Video	1 x DP1.2/DP++ video output, 1 x HDMI 1.4a video output, 1 x HDMI-video input	
Reading light	Light bar x 2	
Control Hot Key (R to L)	Power // Audio adjustment+/- // Brightness+/- // Reading Light // Video Input Selection // LCD on/off // Clean me // Fn: Functional Key	
Cooling	Smart Fan	
Power Adapter	AC input 100~240V / 47 ~ 63 Hz / DC output 24V, 180W (External)	
Temperature	Operating Temperature: 0~35°C (chamber) / 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(V4.0), MDR: MDR 2017/745 by project VCCI: 2016-11, Class B FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.1) by project cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1) by project ISO 14971 by project / IEC62133 by project	



Major Options	
Options	<ol style="list-style-type: none"> <li>1. WLAN + Bluetooth Module (Wi-Fi 5 / Wi-Fi 6)</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</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) / or DVD Drive</li> <li>8. 2.5" SSD (can't co-exist with DVD and smart card reader)</li> <li>9. Equipotential Terminal Pin</li> <li>10. AG Film (Can't Co-exist with DICOM Module)</li> <li>11. DICOM Part 14 Compliance (Max. Error Ratio Less than 20%, Optional Order Configuration)</li> <li>12. Integrated battery 28Wh x 1 (100W max.)</li> <li>13. COM 3/4</li> <li>14. 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>2. 4K2K UHD display by different configuration / MB with eDP.(no video-in)</li> </ol>

## Order Information

Item	Configuration
WMP-24ND-IP0A-i5	Core i5-10500TE 2.30GHz / DDR4 4G RAM, M.2 128G SSD / Full flat P.cap touch / STD I.O.(support Vpro)
WMP-24ND-IP0A-i7	Core i7-10700TE 2.0GHz / DDR4 4G RAM, M.2 128G SSD / Full flat P.cap touch / STD I.O. (support Vpro)
WMP-24ND-IP0B-i5	Core i5-10500TE 2.30GHz / DDR4 4G RAM, M.2 128G SSD / Full flat P.cap touch / ISO I.O. (support Vpro)

## I.O. (STD)

