



Features

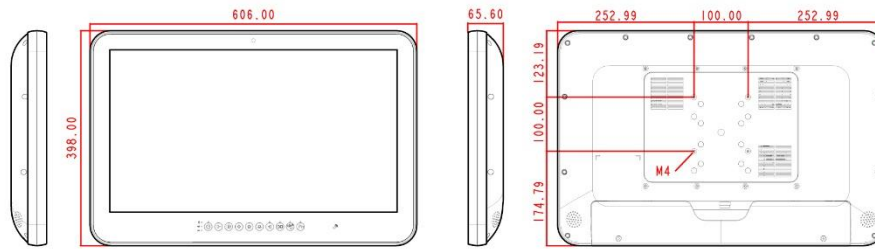
- Intel® 10th Gen Core™ 35W Max.
- 23.8" FHD 1920x1080 MVA LCD panel
- P-Cap Multi-Touch Screen
- Anti-Bacteria (MRSA) Plastic Housing
- Fast Booting w/M.2 NVMe SSD
- PCIe16 Expansion Card Up to 60W
- Optional Full HD capture card
- Optional DICOM Part 14 Compliance
- Optional ISO 4KV LAN/COM/USB Module
- 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: ≥ 84% / Hardness: ≥ 7H pencil, pressure 765g/45° / Life: 50000 times	
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, 1 x 4KV ISO RS232
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)	10.8 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) compliance, MDR: EN 60601-1 (By project) VCCI: 2016-11, Class B compliance FCC: Part 18 Class B compliance 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 / IEC62133 (By Project)	

Dimensions

Units (mm)



Major Options

Options	1. WLAN + Bluetooth Module (Wi-Fi 7) 2. Auto Focus 5M Pixel Webcam Module 3. M.2 2280 Module 4. RFID (13.56MHz) 5. TPM 2.0 Module 6. Full HD Capture Card or 4K SC710N1 12G SDI Capture Card 7. Smart Card Reader at Side or CAC / PIV Reader (FIPS-201) / or DVD Drive 8. 2.5" SSD (can't co-exist with DVD and smart card reader) 9. Equipotential Terminal Pin 10. AG Film (Can't Co-exist with DICOM Module) 11. DICOM Part 14 Compliance (Max. Error Ratio Less than 20%, Optional Order Configuration) 12. Integrated battery 28Wh x 1 (100W max.) 13. COM 3/4 14. USB 5/6 (USB 2.0)
Power Cable	1. 2M DC Extension Cable 2. Cable Clean IO Cover
Optional kits	1. Anti-bacteria Stand, 2. VESA Wall Mount
Customization	1. Tempered Glass 2. 4K2K UHD display by different configuration / MB with eDP.(no video-in)

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)

