



Features

- Intel® Core Ultra 200 Series (Arrow Lake) CPU (15W Max.)
- Passed Certification EN 60601-1 & 60601-1-2
- 23.8" FHD MVA Diagnostic Panel w/ P-Cap Multi-Touch
- Optional Hot-Swappable Batteries X3
- Hospital White Plastic Housing w/ Anti-bacteria Treatment
- Fanless Design w/ Reliable Thermal Solution
- Dual Storage w/ M.2 SSD for RAID 0/1
- 1.5KV Isolated LAN/COM
- Optional 4K/FHD Capture Card
- Easy Clean with Touch Frozen Hot-key and Flat Surface

Specification

Model	WMP-24U IP0A (STD)
CPU / Chipset	FCBGA2049 Intel® Core Ultra 200 Series (Code Name: Arrow Lake) Processor (15W Max.) / SoC Support Vpro
Graphic	Intel® ARC Graphics
RAM	Two 6400 MHz DDR5 SODIMM Socket Support Dual Channel, non-ECC, up to 64GB
TPM	On Board TPM
OS Support	Optional Win 10 IoT Enterprise LTSC, Win 11 IoT Enterprise LTSC
Storage	1 x M.2 (M Key 2280) with PCIe x4 for SSD, 1 x M.2 M Key, 2280 with PCIe x4 PCIe
Expansion	1 x M.2 M Key 2280 PCIe x4 PCIe (25W max.), 1 x M.2 E Key 2230
Display Size	23.8" wide TFT-Color LCD (16:9)
Display	1920 x 1080 (Full HD), 16.7M colors (True, 8 bit), 178(H) / 178(V), 250 nits (Typ. Center point), CR:3000: 1 (Typ) / Light Sensor for LCD Auto Brightness Management
Touch Screen	Projected Capacitive Multi-Touch Panel / Light Transmission: ≥88% / Hardness: ≥6H pencil, pressure 750g/45° / Life: 51,273 Hrs
USB	2 x USB3.2 gen II, 2 x USB2.0, 1 x USB3.2 Type C
COM	1 x 1.5KV ISO RS232/RS422/RS485, Optional 1 x RS-232,
LAN	2 x RJ45 (2.5 Gbps)
Audio/ Video	1 x Combo of Line-out & Microphone-in (3.5mm phone jack) / 1 x HDMI2.0
Speakers & Mic.	2 x 3-watt Speakers & Integrated Microphone (at Housing Bottom Side)
Reading light	Light bar x 1 (at housing bottom side)
Control Hot Key (R to L)	Battery LED Indicator, Power On/Off, Volume +/-, Brightness +/-, Reading Light, LCD On/Off & Clean Me, Function Key
Cooling	Fanless Design with External Heatsink
Battery Pack	Option 3 x WBT-1123, Hot-Swappable Battery
Power Input	DC-In x 1, DC 14 ~ 24V input
Power Adapter	AC input 100~240V / 47 ~ 63 Hz / DC output 24V, 160W
Temperature	Operating Temperature: 0~40°C (IEC60068-2-78)/ Storage Temperature: -20~60°C
Humidity	Operating & Storage: 10 ~ 90%, non-condensing
IP Rating	Front IP65, Rear IPx1
Housing	Front: Full flat design/ Touch (standard)/ Glass (customized); Rear: Plastic White w/Anti-bacteria (MRSA) Housing
Dimensions (Net)	579.0 mm (H) x 374.4 mm (V) x 56.0mm (T)
Weights (Net)	< 9.0 kg (w/o power adapter/battery pack), < 10.5 kg (with x3 battery pack & no power adaptor)
Mounting	VESA 100 x 100
Certification	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, IEC 60601-1:2005/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

WMP-24U

Medical Cart Panel PC Swappable Battery

Dimensions

Units (mm)

TBD

Major Options & Customization

Battery & Charger	① Battery Pack: 3 x WBT-1123 Series, Hot-Swappable Battery ② Battery Charger Station: WCS-1113 6-Slot w/Power Supply Inside ③ Battery Monitoring Management Software (BMMS)
Options	① 802.11 be WLAN + Bluetooth module (Wifi-7) ② Auto focus 5M pixel webcam module ③ M.2 type 2280 module ④ RFID (13.56MHz); RFID with single sign on ⑤ Full HD SC400N1 M2 AIO capture card or 4K M.2 SC710N1_M2_12G-SDI+HDMI2.0 capture card (can't co-exist with 30W power output module) ⑥ 2 x USB 3.0 at side ⑦ 1 x COM (Extra COM at Downside) ⑧ 1 X USB2.0 (Extra USB at Downside) ⑨ Smart card reader at side or CAC / PIV Reader (FIPS-201) ⑩ Equipotential terminal pin ⑪ AG film ⑫ 30 Watt Power output module for external device (can't co-exist with capture card) ⑬ Win 10 or Win 11 64 bit IoT Enterprise LTSC
AP/API	① WDT AP/API ② OSD AP ③ i-Control AP ④ HW Monitor AP ⑤ Hotkey Control AP/API
Customization	① Tempered Glass ② Touch with AG Coating

Order Information

Item	Configuration
WMP-24U-IP0A-5	Core ultra 5-225U, 1.5 ~ 4.8 GHz / DDR5 8G RAM / M.2 128G SSD / P.cap touch
WMP-24U-IP0A-7	Core ultra 7-255U 2.0 ~ 5.2 GHz / DDR5 8G RAM / M.2 128G SSD / P.cap touch

I/O ports

TBD

