



Features

- Intel® Core Ultra 100 & 200 Series (U Series) CPU (15W Max.)
- Passed Certification EN 60601-1 & 60601-1-2
- 21.5" FHD AHVA 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
- Optional 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

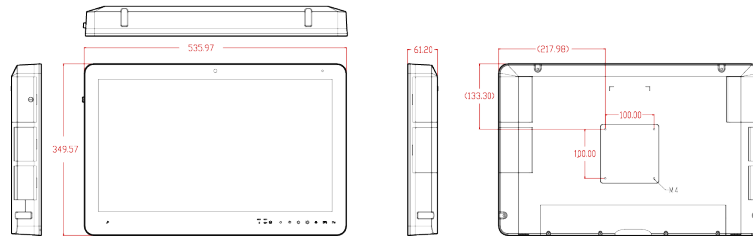
Model	WMP-22U IP0A (STD)
CPU / Chipset	FCBGA2049 Intel® Core Ultra 100 & 200 Series (U Series) Processor (15W Max.) / SoC / Support Vpro by CPU
Graphic	Intel® Graphics
RAM	Two 5600 MHz DDR5 SODIMM Socket Support Dual Channel, non-ECC, up to 96GB
TPM	On Board TPM
OS Support	Optional Win 10 IoT Enterprise LTSC, Win 11 IoT Enterprise LTSC
Storage	1 x M.2 (M Key 2280) with PCIe4/SATA for SSD, 1 x M.2 M Key, 2280 with PCIe4
Expansion	1 x M.2 M Key 2280 PCIe4, 1 x M.2 E Key 2230
Display Size	21.5" 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:1000: 1 (Typ) / Light Sensor for LCD Auto Brightness Management
Touch Screen	Projected Capacitive Multi-Touch Panel / Light Transmission: ≥ 88% / Hardness: ≥ 7H pencil, pressure 765g/45° / Life: 50,000 Hrs
USB	2 x USB3.2, 2 x USB2.0, 1 x USB3.2 Type C (5V3A)
COM	1 x 1.5 KV ISO RS232/RS422/RS485, Optional 1 x RS-232,
LAN	1 x 1.5KV ISO RJ45 (2.5 Gbps), 1 x RJ45 (2.5 Gbps, Support AMT/Vpro)
Audio/ Video	1 x 3.5mm combo phone jack connector (Line-out & Microphone-in) / 1 x HDMI2.0
Speakers & Mic.	2 x 3-watt Speakers & Integrated Microphone (at Housing Bottom Side)
Reading light	1 x Light bar (at housing bottom side)
Control Hot Key (L to R)	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 19 ~ 24V input
Power Adapter	AC input 100~240V / 50 ~ 60 Hz / DC output 24V, 158.4 W
Temperature	Operating Temperature: 0~40°C (IEC60068-2-78), w/ Battery 0~35°C / Storage Temperature: -20~60°C
Humidity	Operating & Storage: 10 ~ 90%, non-condensing
IP Rating	Front IP65, Whole System IPx1
Housing	Front: Full flat design/ Touch (standard)/ Glass (customized); Rear: Plastic White w/Anti-bacteria (MRSA) Housing
Dimensions (Net)	536.0 mm (H) x 349.6 mm (V) x 61.2 mm (T)
Weights (Net)	5.9 kg (w/o power adapter/battery pack, 7.25 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-22U

Medical Cart Panel PC Swappable Battery

Dimensions

Units (mm)



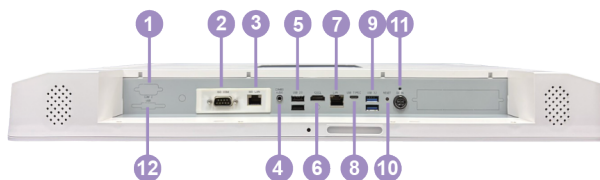
Major Options & Customization

Battery & Charger	① Battery Pack: 3 x WBT-1123 Series, 88.8Wh, Hot-Swappable Battery ② Battery Charger Station: WCS-1123 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 SSD module (can't co-exist with capture card) 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 added at I.O. bracket ⑧ 1 X USB2.0 added at I.O. bracket 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-22U-IP0A-5	Core ultra 5-225U 1.5 ~ 4.8 GHz / DDR5 8G RAM / M.2 128G SSD / P.cap touch / Vpro
WMP-22U-IP0A-7	Core ultra 7-255U 2.0 ~ 5.2 GHz / DDR5 8G RAM / M.2 128G SSD / P.cap touch / Vpro

I/O ports



- ① Optional COM x 1
- ② ISO COM x 1
- ③ ISO LAN x 1
- ④ Combo of Line-out & Microphone-in
- ⑤ USB2.0 x 2
- ⑥ HDMI out x 1
- ⑦ LAN x 1
- ⑧ USB Type C x 1
- ⑨ USB3.2 x 2
- ⑩ Reset
- ⑪ DC-in
- ⑫ Optional USB2.0 x 1



Hot-Swappable Batteries



Charger Station



Medical Cart Application