

# WMP-22H

## Medical AI Panel PC Swappable Battery



### Features

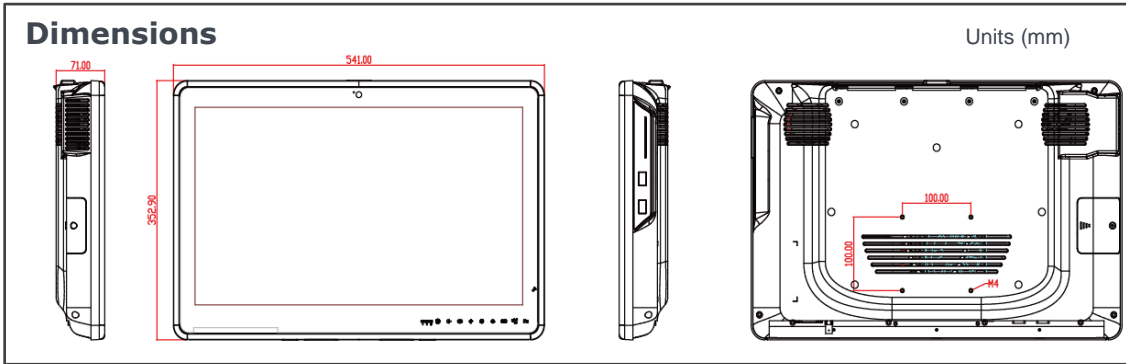
- Intel® 7th generation Core i7/i5/i3/Celeron processor
- Highest Level EMC 4.0/ Safety 3.1 Certification Ready
- Integrated Hot-Swappable Batteries, 24/7 Run-Time
- MXM 3.0 Module & Movidius Card (OpenVino) by Project Support
- Support Intel vPro by Optional i7/i5 CPU
- M.2 2280 NVMe SSD as Drive Disk
- Support i-Control Management for Power/Thermal /Battery
- FHD Capture Card as Option
- Low Noise Smart Fan Solution

### Specification

Model	WMP 22H IPOA (STD)	WMP 22H IPOB (USB3.1)	WMP 22H IPOC (ISO)
CPU / Chipset	7th generation Intel® Core i7/i5/i3/Pentium/Celeron processor , Optional Vpro by Core i7/i5 CPU/ Intel® Q170 Chipset		
Graphic	Intel® integrated HD Graphics 630		
RAM	Two 2400 MHz DDR4 SODIMM socket support dual Channel, non-ECC, up to 32GB		
OS Support	Optional Win 10 IoT Enterprise		
Storage	M.2 SSD 2280 up to 512GB, Optional Second Storage 2.5" SSD or HDD up to 512GB		
Expansion	PCI-E (x4) x1, Mini PCIe x1, M.2 Type E x1 Optional Network Interface: 802.11 ac/a/b/g/n WLAN + Bluetooth module		
Display Size	21.5" wide TFT-Color 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	USB3.0 x 4, Optional Side USB3.0 X 2 (via Mini PCIe)	USB3.0 x 4, USB 3.1 Gen. II X 2, Optional Side USB3.0 X 2 (via Mini PCIe)	USB3.0 x 4, ISO USB2.0 X 1, Optional Side USB3.0 X 2 (via Mini PCIe,)
COM	RS-232 x 1, RS232/RS422/RS485 X 1	RS-232 x 1, RS232/RS422/RS485 X 1	ISO RS-232 x 1, ISO RS232/RS422/RS485 X 1
LAN	RJ45 X 2	RJ45 x 2	RJ45 x 2, ISO LAN x 2
Audio/ Video	3.5mm phone jack connector * 2 (Line-out, Mic-In)/ DP x 2		
Reading light	Light bar x 2		
Control Hot Key (R to L)	Battery LED Indicator; Power; Audio Volume; Brightness; Reading Light; LCD Light On/Off; Clean Me; Programmable Function		
Cooling	Smart Fan		
Battery Pack	Optional DR-202W2, Li-ion Battery 10.8V 7500mAh x3		
Power Input / Consumption	DC-In x 1, DC 14~28V input / 174 W (Full loading)		
Power Adapter	AC input 100~240V / 47 ~ 63 Hz / DC output 24V 180W		
Temperature	Operating Temperature: 0~40°C (chamber) / Storage Temperature: -20~60°C		
Humidity	Operating & Storage:10 ~ 90%, non-condensing		
IP Rating / Housing	IP65 (Front Side), IPx1 for Whole System by Project / Front: Full flat design/ Touch (standard)/ Glass( customized); Rear: Plastic White w/Anti-bacteria (MRSA), Housing		
Dimensions (Net)	541.0mm (H) x 352.9mm (V) x 64mm (T)		
Weights (Net)	7.5 kg (w/o power adapter/battery pack)		
Mounting	Optional Stand, VESA 100		
Certification	cULus/EN/UL/60601-1, 60601-1-2 4 <sup>th</sup> Edition, IEC62133, FCC/CE/VCCI Class B, Energy Star 6.1 Compliance		

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### Major Options

Battery & Charger	<ol style="list-style-type: none"> <li>1. Battery Pack: DR202W2, Li-ion 10.8V 7500mAh, x 3;</li> <li>2. Charger Bank: JW202W2</li> </ol>
Add On Parts	<ol style="list-style-type: none"> <li>1. 5M AF Webcam</li> <li>2. TPM 2.0 module</li> <li>3. Smart card reader</li> <li>4. RFID (13.56MHz)</li> <li>5. AG Film</li> <li>6. WLAN + Bluetooth module</li> <li>7. 2.5" HDD or SSD module</li> <li>8. Equipotential Terminal Pin</li> <li>9. Full HD capture card</li> <li>10. USB 3.0 x 2 at side (Type A) via miniPCIe module</li> <li>11. USB3.1 gen2 (USB 5,6)</li> <li>12. DICOM part 14 compliance module</li> <li>13. Independent GeForce GTX 1050 graphic with 4GB dedicated video memory</li> <li>14. Mini-PCIe Movidius (Myriad™ X VPU X1) card for AI (OpenVINO)</li> </ol>
Power Cable	<ol style="list-style-type: none"> <li>1. Power adapter w/ 2m extension cable</li> <li>2. Power plug holder</li> <li>3. Microphone on I/O 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. Temper Glass</li> <li>2. COM Port support 5V1A</li> <li>3. Touch with AG Coating</li> </ol>

### Order Information

Item	Configuration
WMP-22H-IP0A-i5	Core i5-7500T 2.7GHz / 4G RAM / 128G SSD / Full flat P.cap touch / STD
WMP-22H-IP0B-i5	Core i5-7500T 2.7GHz / 4G RAM / 128G SSD / Full flat P.cap touch / USB3.0
WMP-22H-IP0C-i7	Core i7-7700T 2.9GHz / 4G RAM / 128G SSD / Full flat P.cap touch / ISO

