WMP-19K

Medical AI Panel PC



Features

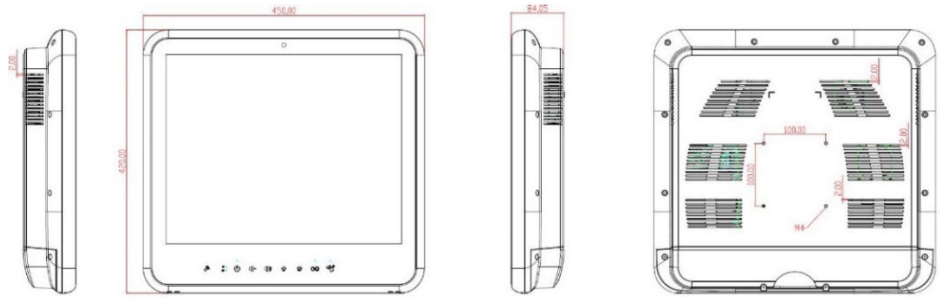
- Anti-Bacteria (MRSA) Plastic Housing & Touch
- 19" 1280x1024 LCD Diagnostic Panel
- Intel® 8th/9th Generation Core i5/i7 CPU
- Supports Dual Channel DDR4 up to 64GB
- Supports M.2 M Key 2280 SSD (Up to 1TB)
- EN 60601-1:2006 + A11: 2011 + A1: 2013 + A12: 2014 Compliance
- Independent NVIDIA A2000 graphic with 8GB dedicated video memory; NVIDIA T1000 graphic with 4GB dedicated video memory

Specification

Model	WMP 19K IP0A (STD)	WMP 19K IP0B (ISO)
Main System		
CPU / Chipset	Intel® 8th / 9th generation Core i7/i5 /Pentium/Celeron Processor (35W Max.)	
Graphic	Intel® integrated HD Graphics 630 by CPU	
RAM	Two 2666/2400/2133 MHz DDR4 SODIMM socket support dual Channel, non-ECC, up to 64GB	
OS Support	Win 10 / Win 11	
Storage	M.2 M.Key 2280 SSD Up to 1TB Optional 2.5" SATA III HDD drive bay x 1	
Expansion	PCI-E (x4) x1 (25W Max.), M.2 E Key 2230 x1 Optional Network Interface: 802.11 ac/a/b/g/n WLAN + Bluetooth module	
Display Size	19" LED Backlight	
Display	1280 x 1024 (SXGA), 16.7M colors, 170(H) / 160(V), 350 nits (Typ.), CR: 1000 : 1 (Typ)	
Touch Screen	Projected Capacitive Multi-Touch Panel / Light Transmission: ≧84% / Hardness: 7H pencil, pressure 765g/45° / Life: 50000	
I.O. Ports		
USB	USB3.1 Gen II x 4	USB3.1 Gen II x 4, ISO USB2.0 x 1
COM	RS232/RS422/RS485 x 1, RS-232 x 1,	ISO RS-232 x 1, ISO RS232/RS422/RS485 x 1
LAN	RJ45 x 2	RJ45 X 2, ISO RJ45 x 1
Audio / Video	3.5mm phone jack connector * 2 (Line-out, Mic-In) / DP x 2	
Control Hot Key (R to L)	Power Button// Audio adjustment // brightness // LCD on/off // Clean me	
Mechanical and Environmental		
Cooling	Fan	
Power Input	DC-In x 1, DC 14~19V input	
Power Adapter / Battery	AC input 100~240V / 47 ~ 63 Hz / DC output 19V, 250W // DR-202W2	
Temperature	Operating Temperature: 0~40℃ (110-240V), 0~30℃ (100-110V) Storage Temperature: -20~60℃	
Humidity	Operating & Storage:10 ~ 90%, non-condensing	
IP Rating / Housing	IP65 (Front Side) IPX1 for whole system / Plastic White w/Anti-bacteria (MRSA), Housing & Touch Screen	
Dimensions (Net)	450.0mm (H) x 420mm (V) x 84.1mm (T)	
Weights (Net)	7.5 kg (w/o power adapter/battery pack)	
Mounting	Optional Stand, VESA 100	
Certification (Including GeForce GTX 1060 & 4K Capture Card)	CE: EN 60601-1-2:2015/A1:2021(V4.1),IEC 60601-1-2:2014+AMD1:2020 EN 60601-1:2006/A2:2021; IEC 60601-1:2005/AMD1:2012, ; IEC 60601-1:2005/AMD2:2020 Compliance VCCI: 2016-11, Class B (PSU/Battery with PSE) FCC: Part 18 Class B / UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1) IEC62133	

Dimensions

Units (mm)

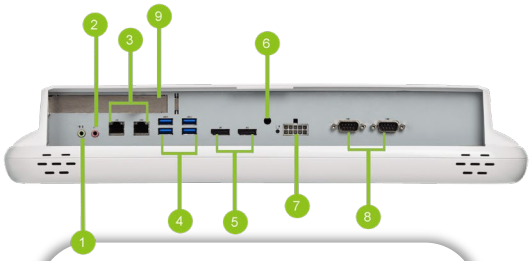


Major Options	
Add On Parts	1. Win 10 / Win 11 2. 802.11be WLAN + Bluetooth module (Wifi-7) 3. 5M pixel webcam module 4. M.2 type 2280 storage module 5. 2.5” HDD driver bay kit 7. PCI-E x4 Riser card 8. Full HD capture card 9. Advantech VEGA 320 10. Battery pack (100W max) (DR-202W2) (100min battery Hours by PC mark 8 test condition) 11. PM 2.0 module 12. FID (13.56Hz) 13. Equipotential terminal pin 14.AG film 15.Independent NVIDIA A2000 graphic with 8GB dedicated video memory; NVIDIA T1000 graphic with 4GB dedicated video memory
Optional kits	1. Anti-bacteria Table Stand 2. VESA Wall Mount
Customization	1. Tempered glass 2. Touch with AG coating

Order Information

Item	Configuration
WMP-19K-IP0A-i9	Core i9-9900T 2.10GHz / DDR4 4G RAM / 128G SSD / Full flat P.cap touch / STD
WMP-19K-IP0A-i7	Core i7-9700TE 1.80GHz / DDR4 4G RAM / 128G SSD / Full flat P.cap touch / STD
WMP-19K-IP0A-i5	Core i9-9500TE 2.20GHz / DDR4 4G RAM / 128G SSD / Full flat P.cap touch / STD
WMP-19K-IP0B-i5	Core i5-9500TE 2.20GHz / DDR4 4G RAM / 128G SSD / Full flat P.cap touch / ISO

I/O port (standard)



1. Line-out
2. Microphone-in
3. LAN x 2
4. USB3.1 Gen II x 4
5. DP x 2
6. Equipotential Terminal Pin
7. DC-in
8. COM x 2
9. PCI-E (x 4)



WMP-19K I.O. Cover

