

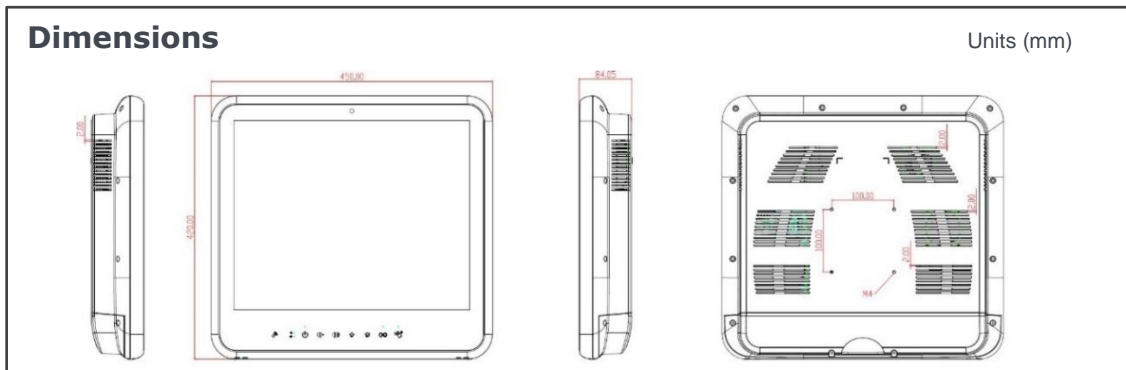


### Features

- 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
- EN/UL 60601-1 Safety & EMC Latest Version Certification Ready
- Independent NVIDIA A2000 graphic with 8GB dedicated video memory; NVIDIA T1000 graphic with 4GB dedicated video memory
- Support PCIe Expansion for Intel® Movidius™ Vision AI Kits

### Specification

Model	WMP 19K IP0A (STD)	WMP 19K IP0B (ISO)
<b>Main System</b>		
<b>CPU / Chipset</b>	Intel® 8 <sup>th</sup> / 9 <sup>th</sup> generation Core i7/i5 /Pentium/Celeron Processor (35W Max.)	
<b>Graphic</b>	Intel® integrated HD Graphics 630 by CPU	
<b>RAM</b>	Two 2666/2400/2133 MHz DDR4 SODIMM socket support dual Channel, non-ECC, up to 64GB	
<b>OS Support</b>	Windows 10 IoT Enterprise LTSC	
<b>Storage</b>	M.2 M.Key 2280 SSD Up to 1TB Optional 2.5" SATA III HDD drive bay x 1	
<b>Expansion</b>	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	
<b>Display Size</b>	19" LED Backlight	
<b>Display</b>	1280 x 1024 (SXGA), 16.7M colors, 170(H) / 160(V), 350 nits (Typ.), CR: 1000 : 1 (Typ)	
<b>Touch Screen</b>	Projected Capacitive Multi-Touch Panel / Light Transmission: ≥87% / Hardness: 7H pencil, pressure 765g/45° / Life: 50000	
<b>I.O. Ports</b>		
<b>USB</b>	USB3.1 Gen II x 4	USB3.1 Gen II x 4, ISO USB2.0 x 1
<b>COM</b>	RS232/RS422/RS485 x 1, RS-232 x 1,	ISO RS-232 x 1, ISO RS232/RS422/RS485 x 1
<b>LAN</b>	RJ45 x 2	RJ45 X 2, ISO RJ45 x 1
<b>Audio / Video</b>	3.5mm phone jack connector * 2 (Line-out, Mic-In) / DP x 2	
<b>Control Hot Key (R to L)</b>	Power Button// Audio adjustment // brightness // LCD on/off // Clean me	
<b>Mechanical and Environmental</b>		
<b>Cooling</b>	Fan	
<b>Power Input</b>	DC-In x 1, DC 14~19V input	
<b>Power Adapter / Battery</b>	AC input 100~240V / 47 ~ 63 Hz / DC output 19V, 250W // DR-202W2	
<b>Temperature</b>	Operating Temperature: 0~40°C (110-240V), 0~30°C (100-110V) Storage Temperature: -20~60°C	
<b>Humidity</b>	Operating & Storage:10 ~ 90%, non-condensing	
<b>IP Rating / Housing</b>	IP65 (Front Side) IPX1 for whole system / Plastic White w/Anti-bacteria (MRSA), Housing & Touch Screen	
<b>Dimensions (Net)</b>	450.0mm (H) x 420mm (V) x 84.1mm (T)	
<b>Weights (Net)</b>	7.5 kg (w/o power adapter/battery pack)	
<b>Mounting</b>	Optional Stand, VESA 100	
<b>Certification (Including GeForce GTX 1060 &amp; 4K Capture Card)</b>	CE: EN 60601-1-2:2015(V4.0), EN 60601-1:2006 + A11: 2011 + A1: 2013 + A12: 2014 Compliance VCCI: 2016-11, Class B (PSU 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) BIS: IS 13252(part 1): 2010/ IEC 60950-1:2005 ISO 14971 / IEC62133	

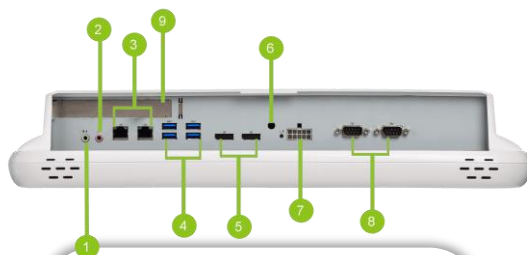


Major Options	
Add On Parts	<ol style="list-style-type: none"> <li>802.11 ac/a/b/g/n WLAN + Bluetooth module (M.2 E key)</li> <li>802.11 ax/a/b/g/n WLAN + Bluetooth module (Wifi-6)</li> <li>5M pixel webcam module</li> <li>M.2 type 2280 storage module</li> <li>2.5" HDD driver bay kit</li> <li>PCI-E x4 Riser card</li> <li>Full HD capture card</li> <li>Advantech VEGA 320</li> <li>Battery pack (100W max) (DR-202W2) (100min battery Hours by PC mark 8 test condition)</li> <li>TPM 2.0 module</li> <li>RFID (13.56Hz)</li> <li>Equipotential terminal pin</li> <li>AG film</li> <li>Independent NVIDIA A2000 graphic with 8GB dedicated video memory; NVIDIA T1000 graphic with 4GB dedicated video memory</li> <li>Windows 10 IoT Enterprise LTSC</li> </ol>
Optional kits	<ol style="list-style-type: none"> <li>Anti-bacteria Table Stand</li> <li>VESA Wall Mount</li> </ol>
Customization	<ol style="list-style-type: none"> <li>Tempered glass</li> <li>Touch with AG coating</li> </ol>

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

### Order Information

#### 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)

