



Powerful AI Ready  
Medical All In One PC (GPU)

**WMP-19S / 22S / 24S**

EN 60601-1:2006 + A11: 2011 + A1: 2013 + A12: 2014 Compliance

### High performance intel 12th /13th/14th generation Core i CPU

- New Hybrid Design Combining Up to 14 Cores and 20 Threads



### Anti-Bacteria (MRSA) Plastic Housing

- Defaulted to Reduce Bacterial > 99%
- Effectively Avoid the Second Infection




### Optional Independent Nvidia A4500 graphic with 16GB dedicated video memory

### Video in port with RGB Color adjustment function

### Supports Dual Channel DDR5 up to 64GB



# Powerful AI Ready All In One PC

Product Name	WMP-19S	WMP-22S	WMP-24S
Product Photo			
<b>Main System</b>			
CPU	LGA1700 package 12th /13th /14th generation Intel® Core i7/i5/i3/Pentium/Celeron processor (35W max.)		
Graphic	Intel® integrated UHD Graphics 770 by CPU		
Memory	Two 5600 MHz DDR5 SODIMM socket support dual Channel, non-ECC, up to 96GB		
Chipset	Intel® Q670E Chipset		
OS support	Windows 10 IoT LTSC 2021 (64bit) / Windows 11 IoT GAC (64bit)		
<b>Display</b>			
Size	19"	21.5"	23.8"
Resolution	1280 x 1024 (SXGA)	1920 x 1080 (FHD)	
Color Numbers	16.7M colors		
View Angle (H/V)	170/160	178/178	
Contrast	1000:1	1000:1	3000:1
Brightness (nits)	350	250	
<b>Touch Panel &amp; IO</b>			
Type	Projected Capacitive Multi-Touch Panel		
USB	4 x USB 3.2 Gen II (Type A) 1 x USB 3.2 Gen II (Type C, Support DP 1.4a display output; 5V/3A power output)		
COM	1 x RS232/RS422/RS485, 1 x RS232		
LAN	1 x Intel® I219LM with 10/100/1000 Mbps, support AMT / vPro 1 x Intel® I226V with 10/100/1000/2500 Mbps		
Audio	3.5mm phone jack connector * 2 (Line-out, Mic-In)		
Video	DP 1.4a/DP++ x1, HDMI 2.0b x 1, HDMI-in x 1 (Without Audio)		
<b>Storage &amp; Expansion</b>			
Storage	M.2 M.Key 2280 PCIe X 4 SSD (Support NVMe SSD up to 1TB) M.2 B/M Key, (2280) with PCIe x1 PCIe/SATA/USB		
Expansion Slot	M.2 E key 2230 x 1, M.2 B/M Key, (2280) with PCIe x1 PCIe/SATA/USB PCI-E x 4 expansion slot x 1 (40W max)		
<b>Mechanical &amp; Environmental</b>			
Weight (kg)	7.5	7.5 kg (w/o power adapter)	9 kg (w/o power adapter)
Operating Temp.	0~40°C	0~40°C	0~40°C
Cooling	Fan		
IP rating	IP65 (Front Side), IPX1 for whole system		
<b>Power</b>			
Power Input	DC 14~19V input	DC 14~19V input	DC 14~19V input
Power Adapter/ Battery	AC input 100 ~240V / 47 ~ 63 Hz / DC output 19V / 250W (MPU250A-107 W/PSE)		
<b>Certification</b>			
Certification	CE: EN 60601-1-2:2015(V4.1) 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 (V3.2) (By project) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.2) (By project) ISO 14971 / IEC62133		
<b>Options &amp; Customization</b>			
Major Options	1. 802.11 ac/a/b/g/n WLAN + Bluetooth module or Wifi 6 2. Auto focus 5M pixel webcam module 3. RFID (13.56MHz) 4. TPM 2.0 module 5. PCIe x 4 riser card 6. Full HD capture card & 4K SC710N1 M2 12G SDI capture card / SC710N1-L HDMI2.0 7. Battery pack (100W max) (DR-202 series) (100min battery life by PCmark 8 test condition) 8. Equipotential terminal pin 9. AG film (Can't co-exist with DICOM) 10. USB 2.0 (Type A) x 2 at side	11. Smart card reader at side or CAC / PIV Reader (FIPS-201) 12. USB 2.0 x 2 (USB 5,6) 13. RS-232 x 2 (COM 3,4) 14. DICOM part 14 compliance module Max. Error Ratio less than 20% (optional order configuration) 15. Independent Nvidia MXM A4500/A2000/A1000/T1000 graphic 16. GPIO capture card control solution	
Customization	1. Tempered glass		