

Medical Grade Panel PC Overview

	WMP-249	WMP-248	WMP-22A	WMP-22B	WMP-227V	WMP-226V	WMP-19A	WMP-19B	WMP-197V	WMP-196V	WMP-176V	WMP-153	WMP-15A	
Thermal	Fanless	Fan	Fanless	Fan	Fanless	Fan	Fanless	Fan	Fanless	Fan	Fan	Fanless	Fanless	
Size (mm)	24" 606 (H) x 398 (V) x 65.6 (T)		22" 540 (H) x 375 (V) x 78 (T)				19" 450 (H) x 420 (V) x 85.3 (T)				17" 420 (W) x 360 (H) x 83 (D)	15" 430(H) x 300 (V) x 90 (T)		
Main System														
CPU	Core i5-4402E	Core i5-4400E	Core i5-5200U	Core i5-4210H	Core i5-3317U	Core i5-3210M	Core i5-5200U	Core i5-4210H	Core i5-3317U	Core i5-3210M	Core i5-3210M	Celeron J1900	Core i5-5200U	
Memory	4G / 8G / 16G											4G / 8G	4G / 8G / 16G	
Chipset	QM87		SoC	QM87	HM65		SoC	QM87	HM65		no		SoC	
OS Support	Win7 / Win 8 / Win 10													
Display														
Resolution	Full HD 1920 x 1080						SXGA 1280 x 1024				1366 x 768			
Brightness	250 nits						350 nits				380nits	400 nits		
Touch Screen	P-cap		P-cap / 5 RES								5 RES	P-cap	P-cap	
Storage														
HDD	2.5" SATA HDD drive bay x 1 (320G / 500G / 1T)													
Expansion														
PCI-E / Mini-PCIe	PCI-E(x 16) x 1 or PCI 2.2 x 1		PCI-E (x 4) x 1	PCI-E (x 16) expansion slot x 1 or PCI 2.2 x 1			PCI-E(x 4) x 1	PCI-E (x 16) expansion slot x 1 or PCI 2.2 x 1				PCI-E (x1) x 1	PCI-E (x 4) x 1	
	Mini-PCIe x 2		Mini-PCIe x 2	Mini-PCIe x 2			Mini-PCIe x 2	Mini-PCIe x 2				Mini-PCIe x 2	Mini-PCIe x 2	
I/O Port														
USB	USB 3.0 x 4, USB 2.0 x 2		USB 3.0 x 2, USB 2.0 x 2	USB3.0 x4	USB 2.0 x 4		USB 3.0 x 2, USB 2.0 x 2	USB3.0 x4	USB 2.0 x 4				USB 3.0 x 1, USB2.0 x 3	USB 3.0 x 2, USB 2.0 x 2
COM	RS232 x 1, RS232/RS422/RS485 x 1													
LAN	RJ-45 x 2 (Gigabit Ethernet)													
Audio	Line-out, Mic-in													
Video-out	DP x 2				no			DP x 2		no			no	DP x 2
DVI	no				DVI-I x 1			no		DVI-I x 1			no	
Power	DC 7~32V input (9V~28V with battery pack)													
Mechanical														
IP rating	IP65 at front side / IPX1 whole system (15"/17"/19"/24")													
Operating Temp.	0~40°C		0~35°C	0~40°C			0~35°C	0~40°C	0~40°C				0~35°C	
Storage Temp.	-20~60°C													
Mounting	VESA 75 x 75, 100 x 100													
Net Weight	9.0 kg	8.5 kg	7.0 kg	6.5 kg	7.0 kg	6.5 kg	7.0 kg	6.5 kg	7.5 kg	7.5 kg	6.5 Kg	5.0 kg	5.0 kg	
Housing	Anti-bacteria housing MRSA protect											Non-MRSA		
Certifications	FCC/CE/VCCI Class B, cULus Mark/UL60601-1, EN60601-1 approved / ISO 14971 / IEC-62133 Energy star 6.1 compliance													
Option														
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802.11 a/b/g/n WLAN module (Mini PCIe)														
802.11 a/b/g/n WLAN + Bluetooth 4.0 module (Mini PCIe)														
3.2M pixel webcam module (USB)			•	•	•	•	•	•	•	•	•			
5M pixel webcam module (USB)	•	•										•	•	
28W battery pack (100 max.)														
PCI-E x 1 riser card												•		
PCI-E x 4 riser card			•					•					•	
PCI-E x 16 riser card	•	•		•	•	•			•	•	•			
Equipotential terminal pin														
AG film														
TPM v1.2 module														
Isolated 4KV module														
RFID (13.56Hz) (5V USB)	•	•	•	•	•	•	•	•	•	•			•	
Smart card reader (USB) / or DVD drive / or 2nd HDD	•	•												
DICOM (Customized)	•	•		•				•						