

QY-P5215-HY

Products Features:

1. Industrial-Grade Medical Level Fanless Panel PC
2. 21.5 inch TFT LCD Screen, Resolution: 1920*1080
3. Support Capacitive Touch Screen
4. Intel Celeron and Core 4/7/8/10/11/12/13th-i3/i5/i7 CPU
5. 2*RJ-45, 4*USB, 2*COM, 1*HDMI, 1*VGA
6. Support 4G/5G and WIFI module
7. DC 12V Power Input
8. -20°C~60°C Temperature Can Keep 24/7 Work Stably
9. Front Panel IP65 Water proof



1.Mother Board Specification:

Model	QY-P5215-HY		
CPU	J1900	J6412	N95 / N100
	i3-4010U	i3-7100U / 8130U / 10110U	i3-1115G4 / 1215U / 1315U
	i5-4260U	i5-7200U / 8250U / 10310U	i5-1135G7 / 1235U / 1335U
	i7-4650U	i7-7500U / 8550U / 10710U	i7-1195G7 / 1255U / 1270P / 1355U
Memory	2*DDR III RAM Slots	2*DDR IIII RAM Slots	2*DDR IIII RAM Slots
	Up to 16GB	Up to 32GB	Up to 64GB
Storage	1*MSATA SSD Slot	1*M.2 NVME SSD Slot	
	1*SATA SSD Slot		
Display	1*HDMI: Resolution up to 4096*2106@60Hz 1*VGA: Resolution up to 1920*1200@60Hz		
Expansion	2*Mini PCIE Slots Support 4G and WIFI module	1*M.2 and 1*Mini PCIE Slots Support 4G/5G and WIFI module	2*M.2 Slots Support 4G/5G and WIFI module
Ethernet	2*RTL8211F LAN Chip (10 / 100 / 1000 Mbps, RJ-45 Type)		
USB	4*USB 3.0 (Type-A)		
COM	1*RS-232+1*RS-485 / 232 (DB9 Type)		
Audio	1*MIC+1*SPK		

2.Screen Specification:

Screen Size	21.5 inch TFT-LCD Screen, 16:9 Size
Resolution	1920*1080
Brightness	350nits
Touch Screen Type	Capacitive
Transmittance	More than 95%
Touch Life	50 million times
Response Time	< 5ms
Touch Hardness	6 Mohs
Protection	Front Panel IP65 Water Proof
	Suitable For The Medical Industry, Complies With CE-EN60601-1 And EN60601-1-2 Requirements

3.Device Specification:

Power Input	DC 12V
	Support Auto-Start
	1*2.5mm circle type DC Plug
Working Temperature	-20℃~60℃, Support 24/7 Working
Structure	Fully Enclosed Aluminum Alloy Material
Heat Dissipation	Fanless Design, Conduction Heat Dissipation
Installation	Wall Mount
Size	526mm*322mm*46mm
System	Windows and Linux
Color	All-white unit

4.Optional

Screen	Brightness	Optional 1000 nits screen
		Optional brightness auto adjustment function
	Anti-Glare	Optional
	Camera	Optional 200w or 500w camera (Built-in front panel)
	Full Lamination	Optional
Hardware	Power Module	Optional DC 9-36V Wide Voltage Power Module

5.Ordering Information:

Model	CPU	LAN	USB	COM	RAM	SSD	Expansion	Power
P5215-HY	J1900	2	4	1*RS-232/485 1*RS-232	1*DDR 3 Up to 8GB	1*MSATA 1*SATA	1*Mini PCIE	DC 12V
	4th				2*DDR 3 Up to 16GB		2*Mini PCIE	
	J6412				2*DDR 4 Up to 32GB			
	7th / 8th				2*DDR 4 Up to 32GB	1*M.2 NVME 1*SATA	1*Mini PCIE 1*M.2	
	10th				2*DDR 4 Up to 64GB		2*M.2	
	N95 / N100				1*DDR 4 Up to 16GB			
	11th / 12th / 13th				2*DDR 4 Up to 64GB			

6.Package List:

Adapter	1*12V 5A Adapter
Power Cable	1*Power Cable
Mount Clamp	4*Mount Clamp

7.System Information:

CPU	System
J1900	Windows 7 / 10 and Linux
4th / 7th	
N95 / N100 / J6412	Windows 10 / 11 and Linux
8th / 10th / 11th / 12h / 13th	

8.Fittings Information:

RAM	DDR 3	4GB / 8GB
	DDR 4	4GB / 8GB / 16GB / 32GB
SSD	MSATA	128GB / 256GB / 512GB / 1TB
	M.2 NVME	128GB / 256GB / 512GB / 1TB / 2TB / 4TB
	SATA	120GB / 128GB / 240GB / 256GB / 480GB / 512GB / 960GB / 1TB / 2TB / 4TB
GSM Module	4G	4G+GPS
	5G	5G+GPS
WIFI Module	7260AC / 8260AC / AX210	

9. Dimensions:

