



12.1"

Display Module

QPA J6413

Box PC Module

System Box Module

Processor	Intel® Alder Lake-N SoC Processor N97
System Memory	1x DDR5-4800 SO-DIMM, Max. 16GB
Storage	2.5" SATA HDD / mSATA SSD
I/O	COM x 4 (RS232/422/485 x 1, RS232 x 3)
	USB x 4 (USB 3.0 x 2, USB 2.0 x 2)
	Ethernet, RJ-45, PCI-e Gbe LAN x 2
	DisplayPort x 2
Expansion Interface	Line in x 1, Line out x 1
	M.2 M2280 (SATA) x 1
OS Support	Microsoft Windows 11, Linux
Power Requirement	DC Jack, 12V~+24V DC Wide-range Power Input

Mechanical

Construction	Heavy-duty steel chassis (Black), Aluminum Heatsink
Operation Temp.	0°C~+60°C (+32°F ~+140°F)
Storage Temp.	-40°C~85°C (-40°F ~+185°F)
Relative Humidity	10~90% @40°C, Non-condensing
Vibration	5-17Hz, 0.1" double amplitude peak to peak, 1.5G acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Qualification	Formal certification CE/FCC Class B
Dimension	257 x 128 x 67 mm
System Weight (N.W.)	2.15 KG

Optional Order

Memory	DDR4 2GB, DDR4 4GB, DDR4 8GB, DDR4 16GB
Storage	2.5" SATA HDD 500GB~1TB, SSD 16GB~256GB
Wifi LAN	RTL8188CUS-BC8-WB
Power	DC to Power Terminal Connector

Display Module

I/O	1 x USB 2.0 Hidden for USB Dongle
Touch screen	Projected Capacitive Touch
LCD	12.1" TFT XGA
Resolution	1024 x 768, 16.2M Colors
Luminance (cd/m2)	500
Viewing Angle	80°
Backlight Lifetime	50,000hrs / LED

Mechanical

Construction	Heavy-duty steel chassis (Black), Aluminum Front
Rating	IP 65 compliant front bezel
Mounting	Panel / VESA 100 / Wall / Clamp Type

Optional Order

Mounting	Clamp Type Mounting Kit
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Display Module and Box Module

Dimension	317mm x 71.5mm x 245mm
Panel Cut-out	291mm x 219mm
System Weight(N.W.)	3.3 KG