



12.1"

Sunlight Readable Display Module

QPA N4200

Box PC Module

Box Module	
Processor	Intel® Pentium™ Apollo Lake Quad Core 6W 1.1GHz/2.5 GHz
System Memory	1 x 204 Pin 1.5V DDR3-L SO-DIMM, expandable up to 8GB
Storage	2.5" SATA HDD or mSATA SSD
I/O	Serial port *3 (RS232/422/485 *1, RS232*2)
	USB *6 (USB 3.0*4, USB 2.0*2)
	Ethernet, PCI-e Gbe LAN *2, RJ-45
	HDMI 1.4a *1
	Audio, Line out *1, Phone Jack
Expansion Interface	2 x Mini PCI (1x full-size, 1x half-size)
OS Support	Microsoft Windows 10, Linux
Power Requirement	DC Jack, +12V~+24V Wide Range Input
Mechanical	
Construction	Heavy-duty steel chassis (Black), Aluminum Heatsink
Operation Temp.	32°F ~ 140°F (0°C ~ 60°C) with Ambient Air
Storage Temp.	-22°F ~ 175°F (-30°C ~ 80°C)
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 I FCC Class B
Optional Order	
Memory	DDR3-L 2GB, DDR3-L 4GB, DDR3-L 8GB
Storage	2.5" SATA HDD 500GB~1TB, SSD 16GB~256GB
OS	Microsoft Win 10, Linux
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 XVGA
Resolution	800*600, 16.2M Colors / Optional 1024 x 768
Luminance (cd/m2)	1000
Viewing Angle	80°
Backlight Lifetime	30,000hrs / 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

Display Module and Box Module	
Dimension	317mm x 71.5mm x 245mm
Panel Cut-out	291mm x 219mm
Packing Dimension	406mm x 160mm x 415mm
System Weight(N.W.)	3.3 KG
Weight with Packing(G.W.)	5 KG