



12.1"

Sunlight Readable Display Module

QPA J6413

Box PC Module

Box Module	
Processor	Intel® Atom® QC x6413E (1.5GHz/3.0GHz)
System Memory	DDR4-3200 SODIMM, Max. 32GB
Storage	mSATA SSD
I/O	Serial port x 3 (RS232/422/485 x 1, RS232 x 2)
	3x USB 3.1 (Type-A), 1x USB (Type-C), USB 2.0 x 2
	Ethernet, PCI-e Gbe LAN x 2, RJ-45
	DisplayPort x 1
Expansion Interface	Audio, Line out x 1, Phone Jack
	1 x M.2 1 x Mini PCI-E
OS Support	Microsoft Windows 11, Linux
Power Requirement	DC Jack, +12V~+24V Wide Range Input
Mechanical	
Construction	Heavy-duty steel chassis (Black), Aluminum Heatsink
Operation Temp.	32°F ~ 122°F (0°C ~ 50°C) with Ambient Air
Storage Temp.	-22°F ~ 158°F (-30°C ~ 70°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
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	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