



12.1"

Display Module

QPI Gen11 1145

i5 Box PC Module

Box PC Module	
Processor	Intel® Core™ 11th Generation i5-1145G7E up to 4.1GHz
System Memory	2 x DDR4-3200 SO-DIMM, Max 64GB
Storage	2.5" SATA HDD or mSATA SSD
I/O	Serial port *2 (RS232/422/485 *2)
	USB *6 (USB 3.0*3, USB 2.0*3)
	Ethernet RJ-45, PCI-e Gbe LAN *2,
	DisplayPort *2
	Line in *1, Line out *1, Phone Jack
Expansion Interface	M.2*1 (Supports NVMe)
Power Requirement	DC Jack, +12V~+24V Wide Range Input
Mechanical	
Construction	Heavy-duty steel chassis (Black), Aluminum Heatsink
Operation Temp.	14°F ~ 122°F (-10°C ~ 50°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	SODIMM DDR4-2133 4GB/ 8GB/ 16GB
Storage	2.5" SATA HDD 500GB~1TB, SSD 16GB~256GB
OS	Microsoft Windows Win 11, Linux
Wifi LAN	RTL8188CUS-BC8-WB
Power	DC to Power Terminal Connector

Display Module	
I/O	1x USB 2.0 Hidden for USB Dongle
Touch screen	Projected Capacitive Touch
LCD	12.1" TFT XGA
Resolution	1024*768, 16.2M Colors
Luminance (cd/m2)	400
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

Display Module and Box PC Module	
Dimension	317mm*93mm*245mm
Panel Cut-out	291mm*219mm
System Weight(N.W.)	4.7 KG