



21.5" 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	21.5" TFT XVGA
Resolution	1920*1080, 16.2M Colors
Luminance (cd/m2)	300
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
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Display Module and Box PC Module

Dimension	524mm*93mm*330mm
Panel Cut-out	502.2mm*304.2mm
Packing Dimension	640mm*190mm*490mm
System Weight(N.W.)	8.5 KG
Weight with Packing(G.W.)	9.7 KG