



# 21.5"

## Open Frame Display Module

# QPI Gen11 1185

## i7 Box PC Module

| Box PC Module       |                                                                            |
|---------------------|----------------------------------------------------------------------------|
| Processor           | Intel® Core™ 11th Generation i7-1185G7E up to 4.4 GHz                      |
| 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                                                             |
| Expansion Interface | Line in *1, Line out *1, Phone Jack                                        |
|                     | 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)  | 250                                              |
| 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                          |