



# 19"

## 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<br>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                | 19" TFT XGA                                      |
| Resolution         | 1280 x 1024, 16.2M Colors                        |
| Luminance (cd/m2)  | 350                                              |
| Viewing Angle      | ±80° for Vertical, ±85° for Horizontal           |
| 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                     | 443mm x 71.5mm x 368mm |
| Panel Cut-out                 | 424mm x 351mm          |
| System Weight(N.W.)           | 7.1 KG                 |