



### Specification

|                           |                       |                                                                       |
|---------------------------|-----------------------|-----------------------------------------------------------------------|
| <b>System</b>             | Processor             | Intel 6th/7th Skylake/Kaby Lake LGA1151 Socket Processor TDP Max. 65W |
|                           | Chipset               | H110/Q170 chipset                                                     |
|                           | System Memory         | 2 x 260-pin DDR4 1866/2133MHz SO-DIMM, up to 32GB                     |
|                           | Storage Device        | 3 x SATAIII, mSATA                                                    |
|                           | Graphic Engine        | Intel HD Graphics                                                     |
|                           | DIO                   | Programmable support 10-bit GPIO                                      |
|                           | Watchdog              | With Watchdog Timer                                                   |
| <b>LCD Touch Panel</b>    | LCD Size              | 23.8"                                                                 |
|                           | Brightness            | 250 nits (1000 nits optional)                                         |
|                           | Resolution            | 1920 x 1080                                                           |
|                           | Touch Screen          | True-Flat PCAP Touch (IP67 Front)                                     |
| <b>Expansion</b>          | Mini PCIe Slot        | Mini PCIe Half size (PCIe/USB)                                        |
|                           | PCIe                  | Mini PCIe Full / Half size (PCIe/USB/SATA) PCIe x4 (Gen. 3) slot      |
| <b>External I/O Ports</b> | USB                   | 4x USB 3.0, 2x USB 2.0                                                |
|                           | Serial Port           | 2x RS-232                                                             |
|                           | LAN                   | 2x LAN                                                                |
|                           | Display               | 1x DP, 1x HDMI                                                        |
| <b>Audio</b>              | Internal Speaker      | 1x Speaker Header                                                     |
| <b>Power</b>              | Power Supply          | Power adapter 90W                                                     |
|                           | Connector             | DCIN Input: 19V                                                       |
| <b>Environment</b>        | Ventilation           | With Fan                                                              |
|                           | Dust & Water Proof    | Front IP67, Aluminum front bezel, metal housing                       |
|                           | Operating Temperature | 0 ~ 60°C (32 ~ 140°F)                                                 |
|                           | Storage Temperature   | -20 ~ 70°C (-4 ~ 176°F)                                               |
|                           | Humidity              | 5% ~ 95% R/H, non-condensing                                          |
| <b>Dimensions (WxDxH)</b> |                       | 574.4 x 348.8 x 61 mm                                                 |
| <b>Weight</b>             |                       | 6.5 kg                                                                |
| <b>Mounting</b>           |                       | VESA Mount 75 x 75 or 100 x 100 mm                                    |
| <b>OS Supported</b>       |                       | Win7, Win 8, Win10 IOT, Linux                                         |

