



#### System:

|               |  |
|---------------|--|
| - CPU         | : Intel Core i3 4330 dual core 3.5 GHz<br>: Intel Core i5 4570S quad core 2.9 GHz<br>: Intel Core i7 4770S quad core 3.1 GHz |
| - Chipset     | : Intel Q87  |
| - FSB         | : 1600 MHz   |
| - Graphics    | : Intel HD Graphics  |
| - Memory type | : 4x DDR3 1066/1333/1600 MHz SDRAM [up to 32 GB]   |
| - Audio       | : Realtek ALC888 HD audio  |
| - Ethernet    | : 1x Intel i210 gigabit ethernet<br>: 1x Intel i217LM gigabit ethernet   |

#### Input / Output connectors:

|                    |  |
|--------------------|--|
| - Serial ports     | : 2x RS-232/422/485 ports                            |
| - USB ports        | : 4x USB 3.0 ports; 2x USB 2.0; 2x USB 2.0 [frontal] |
| - Video output     | : 1x VGA ports; 1x HDMI; 1x display port             |
| - Ethernet         | : 2x RJ45 ports                                      |
| - I/O ports        | : 1x PS/2 connector (keyboard/mouse)                 |
| - Audio            | : 3x audio jacks: 1x LINE OUT; 1x MIC IN; 1x LINE IN |
| - Power connection | : 110 – 240 VAC standard cable                       |

#### Supported operating systems:

- Windows Seven SP1 [32 / 64 bit]
- Windows Seven Embedded Standard [32 / 64 bit]
- Windows 8.1 Industry Pro [32/64 bit]
- Windows 10 Enterprise LTSB 2016 [32/64 bit]
- Linux (Ubuntu 14 or newer) and further distros

#### Expansion slots:

- 1x PCI-e (x16), 1x PCI-e (x4), 1x PCI-e (x1), 4x PCI slots
- 5x SATA III connectors (raid 0/1/5/10 configurations)
- 1x mSATA slot

#### Power specification:

- Rated input voltage : 110 – 240 VAC
- Input voltage limit: : 90.....265 VAC
- Power consumption : 59 W (typical consumption)

#### Generic specifications:

|                         |  |
|-------------------------|--|
| - Dimension             | : 180x330x408,8 mm (L x H x W)             |
| - Weight                | : 12 Kg                                    |
| - Materials             | : heavy duty steel (case)                  |
| - Color                 | : RAL 7035                                 |
| - Cooling type          | : with fan                                 |
| - Protection grade      | : IP 20                                    |
| - Mounting type         | : desktop or wall mounting                 |
| - Operating temperature | : 0 ~ +50 °C [80% humidity, no condensing] |

#### Order options:

- Storage: 2x 3.5" HDD  
: 1x C-Fast (16 GB, 32GB) [on bracket]  
: 1x mSATA SSD [32, 64, 128, 256, 512 GB]
- Memory module size: 2GB, 4GB or 8GB DDR3 SDRAM 1600 MHz
- Memory cards reader [frontal mounting]
- Additional WI-Fi module [PCI/PCI-e device]
- Additional PCI-e / PCI devices [by request]
- Internal DVD-RW recorder