



**Legend:**

- |                           |                              |
|---------------------------|------------------------------|
| A - POWER SWITCH          | L - 2x USB 2.0               |
| B - 2x LED [POWER / HDD]  | M - 2x GIGABIT LAN           |
| C - RS-232/422/485 [COM1] | N - 2x HDMI                  |
| D - RS-232/422/485 [COM2] | O - 4x USB 3.0               |
| E - RS-232 [COM3]         | P - WI-FI ANTENNA [OPTIONAL] |
| F - RS-232 [COM4]         | Q - WI-FI ANTENNA [OPTIONAL] |
| G - 2x USB 2.0            | R - LINE OUT                 |
| H - POWER CONNECTOR       |                              |

**System:**

- CPU : Intel Core i3-4010U 1.7 GHz, i5-4300U 1.9 GHz
- Chipset : Intel Haswell ULT
- Graphics : Intel HD Graphics
- Memory type : 1x DDR3L sodimm 1600 MHz [up to 8 GB]
- Audio : Realtek ALC662 HD Audio
- Ethernet : 1x Realtek 8111G-CC gigabit ethernet  
: 1x Intel 218LM gigabit ethernet

**Input / Output connectors:**

- Serial ports : 2x RS-232; 2x RS-232/422/485 ports [-]
  - USB ports : 4x USB 3.0; 4x USB 2.0
  - Audio : 1x audio jack: 1x LINE OUT
  - Video output : 2x HDMI connectors
  - Ethernet : 2x RJ45 ports
  - Power connection : 24 VDC terminal block (1x 2-pins)
- [-] 2x RS-232/422/485 com ports are not present adding the optionals  
2x RS-422/485 opto-isolated com ports

**Expansion slots:**

- 1x mini PCI-e (Half Size) + 1x (Full Size) slots
- 1x mSATA slot (Full Size) shared with SATA2 connector

**Generic specifications:**

- Dimension : 225x140x45,3 mm ( L x H x W )
- Weight : 1,7 Kg
- Materials : sheet metal
- Color : black
- Cooling type : fanless
- Protection grade : IP 20
- Mounting type : desktop or wall mounting
- Operating temperature : 0 °C - +50 °C (80% humidity, no condensing)

**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

**Power specification:**

- Rated input voltage : 24 VDC
- Input voltage limit: : 9....36 VDC
- Power consumption : 25 W (typical consumption)

**Order options:**

- Storage: 1x HDD/SSD  
: 1x mSATA SSD [32, 64, 128, 256, 512 GB] [\*]
- Memory module size: 2GB, 4GB or 8GB DDR3L sodimm 1600 MHz
- Additional WI-Fi module [mini PCI-e half size]
- External USB 2.0 DVD-RW recorder
- Additional 2x RS-422/485 opto-isolated com ports [mini pci-e, full size] [-]
- External 110 – 230 VAC power supply
- [\*] Cannot be installed together