



**Legend:**

- A - IP67 CONNECTOR [\*]
- B - IP67 CONNECTOR [\*]
- C - IP67 CONNECTOR [\*]
- D - IP67 CONNECTOR [\*]
- E - IP67 POWER CONNECTOR

\* Connectors type and quantity on request by customer

**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]
- Ethernet : 1x Realtek 8111G-CC gigabit ethernet  
: 1x Intel 218LM gigabit ethernet

**Display:**

- TFT type : 15" color TFT LCD with LED backlight
- Resolution : 1024x768 pixel
- Brightness : 500 cd/m<sup>2</sup> (typical)
- Contrast ratio : 1500:1 (typical)
- View angle : -85~85 (H); 85~85 (V)
- Max colours : 16.7 Millions
- Touch type : projected capacitive or five wires resistive

**Input / Output connectors:**

- Serial ports : up to 2x RS-232; 2x RS-232/422/485 ports [\*]
- USB ports : up to 4x USB 2.0 ports [\*]
- Ethernet : up to 2x RJ45 ports [\*]
- Power connection : 24 VDC terminal block (1x 3-pins)  
: 110 – 230 VAC standard cable

\* Connectors type and quantity on request by customer

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

**Power specification:**

- Rated input voltage : 24 VDC 110 – 230 VAC
- Input voltage limit: : 9.....36 VDC 90.....264 VAC
- Power consumption : 30 W (typical consumption)

**Generic specifications:**

- Dimension : 412x335x70 mm ( L x H x W )
- Weight : 6,7 Kg
- Materials : Stainless steel AISI 304
- Cooling type : fanless
- Protection grade : full IP 67
- Mounting type : desktop or VESA 100 mount
- Operating temperature : 0 °C - +40 °C (80% humidity, no condensing)

**Order options:**

- Storage: 2x HDD/SSD
- Memory module size: 2GB, 4GB or 8GB DDR3L sodimm 1600 MHz
- Wall and desk mount support
- External USB 2.0 DVD-RW recorder