



### 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 Celeron quad core J1900 2.0 GHz
- Chipset : Intel Bay trail
- FSB : 1333 MHz
- Graphics : Intel Gen7 Graphics DX 11
- Memory type : 1x DDR3L sodimm 1600 MHz [up to 8 GB]
- Audio : Realtek ALC888S HD audio
- Ethernet : 2x Realtek 8111G-CC gigabit ethernet

### Input / Output connectors:

- Serial ports : up to 3x RS-232; 1x 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

### 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

### Generic specifications:

- Dimension : 675x440x73 mm ( L x H x W )
- Weight : 10 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 - +50 °C (80% humidity, no condensing)

### Display:

- TFT type : 24" color TFT LED with LED Inverter
- Resolution : 1920x1080 pixel
- Brightness : 300 cd/m<sup>2</sup> (typical)
- Contrast ratio : 5000:1 (typical)
- View angle : -89~89 (H); 89~89 (V)
- Max colours : 16.7 Millions
- Touch type : projected capacitive

### 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 110 – 230 VAC
- Input voltage limit: : 9.....36 VDC 90.....264 VAC
- Power consumption : 40 W (typical consumption)

### Order options:

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