



### Legend:

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

### System:

- CPU	: Intel Celeron quad core N2930 1.83 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	: 1x RS-232; 1x RS-232/422/485 ports
- USB ports	: 2x USB 3.0; 6x USB 2.0 ports
- Audio	: 1x audio jack: LINE OUT
- Video output	: 1x VGA [female]; 1x HDMI connectors
- Ethernet	: 2x RJ45 ports
- Power connection	: 24 VDC terminal block (1x 2-pins)

### Expansion slots:

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

### Generic specifications:

- Dimension	: 202x140x30 mm ( L x H x W )
- Weight	: 1 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	: 13 W (typical consumption)

### Order options:

- Storage: 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
- External 110 – 230 VAC power supply