



Legend:

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|------------------------------|----------------------------|
| A - POWER CONNECTOR | G - PARALLEL PORT |
| B - LINE OUT; MIC-IN | H - EXPANSION SLOTS |
| C - 2x USB 2.0; 2x USB 3.0 | L - HDMI |
| D - VGA | M - RS-232/422/485 [COM 2] |
| E - RS-232/422/485 [COM 1] | N - RS-232/422/485 [COM 3] |
| F - 2x PS/2 (KEYBOARD MOUSE) | |

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 : 2x DDR3L sodimm 1600 MHz [up to 8 GB]
- Audio : Realtek ALC888S HD audio

Input / Output connectors:

- Serial ports : 3x RS232/422/485 ports
- USB ports : 2x USB 2.0; 2x USB 3.0 ports
- Audio : 2x audio jacks: 1x LINE OUT; 1x MIC IN
- Video output : 1x VGA; 1x HDMI ports
- Ethernet : 2x RJ45 ports
- Parallel port : 1x LPT port
- I/O ports : 2x PS/2 connectors (keyboard/mouse)
: 24 VDC terminal block (1x 3-pins)

Expansion slots:

- 1x mini pci-e (Half Size)
- 1x mSATA (Full Size)
- 1x PCI slot or 1x PCI-e (x1) slot with riser cards (optionals)

Generic specifications:

- Dimension : 430x330x150 (L x H x W)
- Weight : 7,5 Kg
- Materials : anodized aluminium (panel)
: galvanized (case)
- Cooling type : fanless
- Protection grade : IP 66 (frontal)
- Mounting type : panel mounting with pins

Display:

- TFT type : 15" color TFT LCD with LED inverter
- Resolution : 1024x768 pixel
- Brightness : 400 cd/m² (typical)
- Contrast ratio : 1500:1 (typical)
- View angle : -80~80 (H); 80~80 (V)
- Max colours : 16.7 Millions
- Touch type : five wires resistive

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.....29 VDC 90.....264 VAC
- Power consumption : 23 W (typical consumption)

Order options:

- Storage: 2x HDD/SSD
- Memory module size: 2GB or 4GB DDR3L sodimm 1600 MHz
- Expansion slots: Riser card with 1x PCI-e (x1) slot
- Additional WI-Fi module [PCI / mini PCI-e half size device]
- Additional PCI-e / PCI devices [by request]
- External USB 2.0 DVD-RW recorder