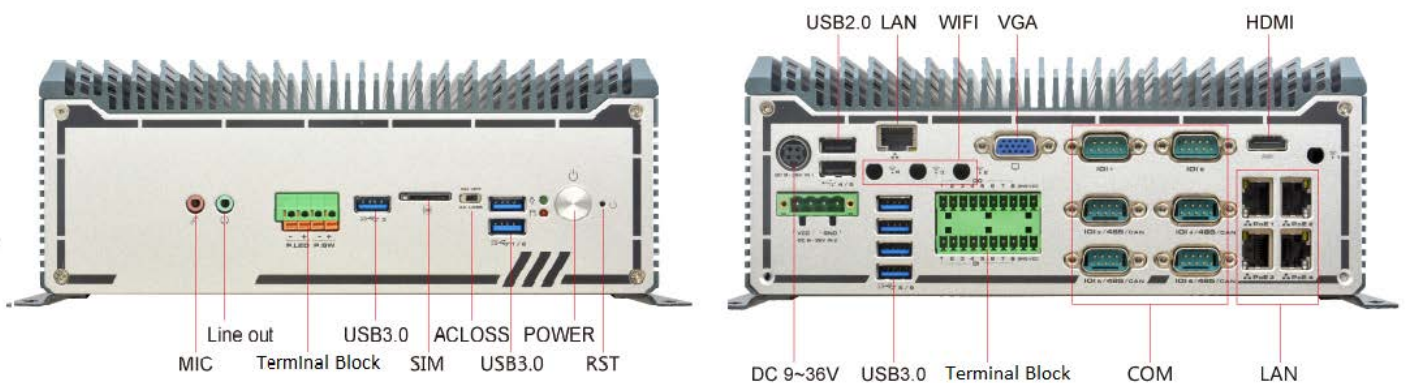


Model: MPCX-B75-6COM(V1)

Intel® B75 Chipset Based - Industrial Fanless Computer, with 6 x COM (4 x RS232/422/485), 5 x GLAN, Windows XP/7/10 compatible



Main Feature

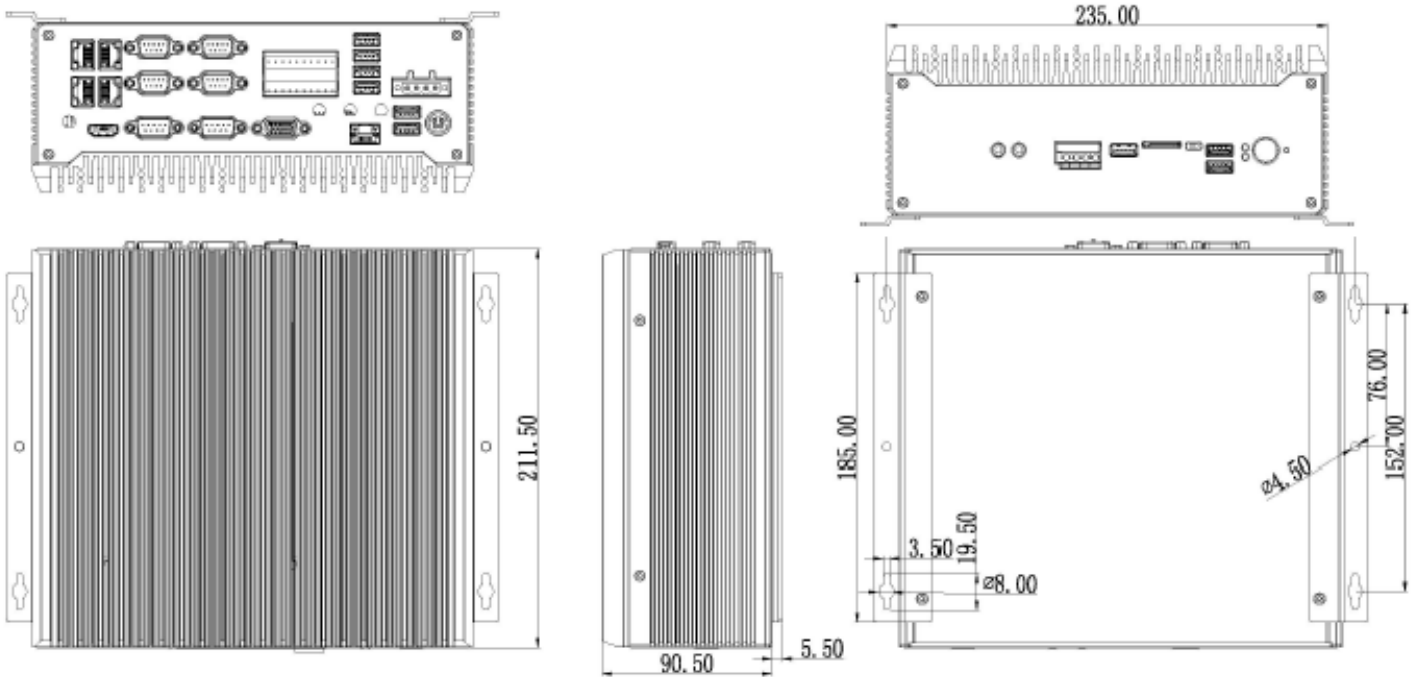
- Fanless Design with oxidized Aluminum Casing
- Supports Intel® Core™ i processor (LGA 1155)
- 5 x Intel GLAN, 6 x COM ports, 11 x USB 2.0/3.0
- BIOS Set-up "Auto Power-On", and "Wake on LAN"
- OS Compatibility: Windows XP, 7, 10 and Linux
- Optional: add PCI-E X16 & PCI Expansion slots

Application:

Factory Automation; Processor Automation; Intelligent Traffic Control; Vision Inspection; CCTV/DVR system; Marine / Offshore Industrial ...

| Specification | |
|----------------------------|--|
| Item | Description |
| Processor | Support LGA1155 Intel® Core™ i3/i5/i7/ Pentium®/ Celeron® processor |
| Chipset | Intel B75 Express |
| Memory | 2 x DDRIII SO-DIMM Socket up to 16GB |
| Storage | Space for 1 x 2.5" HDD/SSD, 1 x mSATA |
| Audio | Realtek ALC662, 6 channel surround audio |
| LAN | 1 x Realtek RTL8111E and 4 x Intel i120AT - Gigabit LAN |
| USB port | 2 x USB 2.0, 7 x USB 2.0/3.0 and 2 x USB 2.0 (internal for USB Dongle) |
| Graphic | Intel HD Graphic Accelerator, with VGA and HDMI 1.4 output |
| Expansive interface | 1 x Mini PCI-E, 1 x M.2 2230 Key E Slot for WIFI & Bluetooth |
| I/O port | 5 x RJ45; 9 x USB 2.0/3.0; 1 x VGA; 1 x HDMI; 1 x Lin-in / Lin-out; 2 x RS232; 4 x RS232/422/485; 1 x Power Switch; 1 x DC input |
| Power Supply | 12 - 24 VDC wide range with AC Adapter |
| Construction | Heavy duty steel and aluminum (Fanless Design) |
| Watchdog Timer | 1 - 255 second programmable |
| Environment | Operating temperature: -20 °C to 60 °C Storage temperature: -40 °C to 80 °C Storage humidity: 10% to 90% non-condensing Vibration: 17 to 500HZ 1G PTP; Shock: 1G /peak (11m sec) |
| Safety | CE/FCC/ROHS |
| Dimension W x H x D (mm) | 235 x 212 x 91 (with Expansion slots: 235 x 212 x 136) |
| Ordering Information | |
| MPCX-B75-6COM(V1) | Intel® B75 Chipset Based - Industrial Fanless Computer, with Intel® Celeron® Processor G1620 (2.70 GHz, 2M Cache, Dual Core) |
| Optional - i3, i5, i7 | Upgrade to Intel Core i3 - 3220T, 3470T, 3770T |
| Optional (Expansion Slots) | Upgrade to 1 x PCI-E X16 and 1 x PCI |
| Optional - RAM | 4 to 16GB DDRIII SO-DIMM RAM |
| Optional - SSD / HDD | 64 GB to 2TB SSD / 1 to 2TB 2.5'' SATA HDD |
| Optional - WIFI | MINI PCI-E WIFI Module with Antenna |
| Optional - OS | Windows XP, 7, 10 Professional , Linux |

Structure Diagram



Optional: with Expansion slots - 235 x 212 x 136mm

