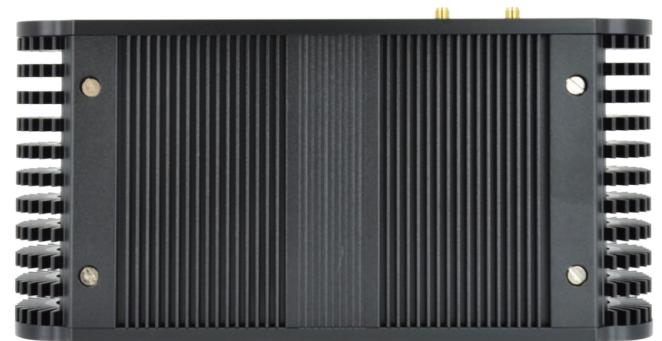




Industrial Box PC Based on Intel i7-4500U CPU, supporting Haswell & Broadwell Celeron/Pentium/i3/i5/i7 Low Voltage Processors

Main Features:

- Industrial grade chassis, stable, dust-proof and vibration-proof
- Passive cooling, silent and hardware automatic power up
- Supports Haswell & Broadwell Celeron/Pentium/i3/i5/i7 low voltage processors
- 2 x Intel LAN, 2 x HDMI, 4 x USB 3.0, 2 x USB 2.0
- 6 x COM (COM2 has 485 option, COM3 has VGA option)
- SIM slot (optional)
- Industrial grade motherboard, GPIO 4 input 4 output (optional)
- Support VESA monitor mount



Specification:

| System | |
|-----------------------|---|
| CPU | Intel i7-4500U, 2C/4T, 1.80GHz up to 3.00GHz, 4MB Smart Cache, 15W TDP |
| Chipset | Intel |
| GPU | Intel HD Graphics |
| Memory | 1 x SO-DIMM slot, support DDR3L 1333/1600MHz up to 8GB |
| Storage | 1 x Full-height Mini PCIe mSATA |
| Audio | ALC662, 16/20/24-bit PCM format |
| Network | 2 x Intel I211-AT Gigabit network |
| WLAN/Bluetooth | 1 x Half-height Mini PCIe WLAN/Bluetooth/3G SIM |
| I/O Interfaces | |
| | 2 x USB 2.0 (Front) |
| USB | 2 x USB 3.0 (Front) 2 x USB 3.0 (Back) |
| COM | 6 x RS232 (4 Back+2 Front) (COM2 has RS485 option, COM3 has VGA option) |
| Display | 2 x HDMI |
| Network | 2 x RJ45 10/100/1000Mbps LAN |
| WLAN | Optional |
| Audio | 1 x Headphone, 1 x Microphone |
| Power Supply | DC IN |
| Mechanical | |
| Power | Adapter 12V/5A 60W |
| Cooling | Fanless, passive cooling |
| LED Light | Power LED, HDD LED |
| Button | Power button |
| Dimension | 187 x 111 x 50mm (L x W x H) |
| Mounting | VESA mount (optional) |
| Environmental | |
| Operating Temp. | 0°C~50°C (industrial grade components) |
| Storage Temp. | -20°C ~70°C |
| Relative Humidity | 5%~95% (non-condensing) |
| Others | |
| BIOS | AMI BIOS |
| Operating System | Windows 7/8/10 |
| Package & Accessories | |
| Weight | 2kg |
| Dimension | 270 x 230 x 90mm |
| Accessories | 1 x Adapter, 1 x Power cable |

ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex, with 12-year experience, always delivers best-in-class embedded computing solutions based on both ARM and X86 architecture, including hardware customization and software debugging etc. Partnered with silicon vendors like Intel, NXP, ST, Rockchip, Allwinner and so on, we have earned trust from clients worldwide in over 30 countries. Polyhex is also certified with ISO9001 and ISO13485 for the self-owned manufacture facility.

