



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 2.5 inches SATA 3.0 (6Gb/s) SSD/HDD slot 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	
USB	2 x USB 2.0 (Front) 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)
Vibration	IEC 60068-2-64, 0.5Grms, random 5~500Hz, 40mins/axis
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 9-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.

