

Product Image



product features

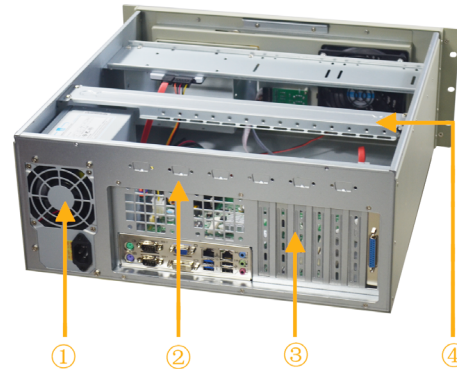
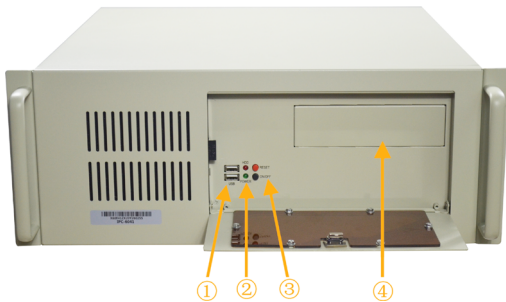
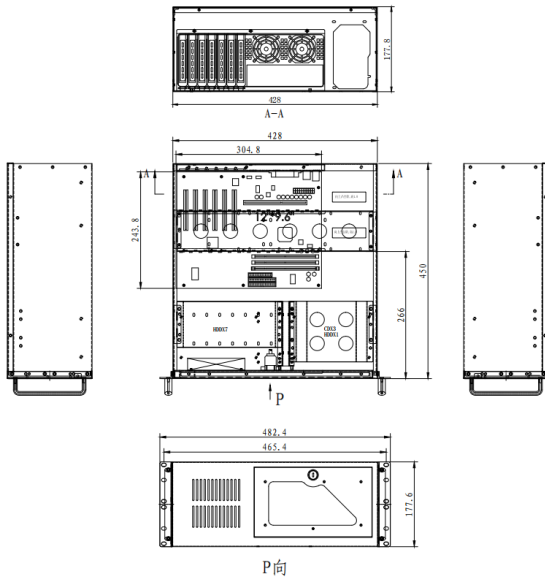
- ◆ Perfectly compatible with ATX, Micro-ATX, Mini-ITX industrial motherboards
- ◆ Using high-quality 1.2mm SGCC environmentally friendly steel, high temperature spraying is wear-resistant and does not drop paint, sturdy and durable, corrosion-resistant, and the paint surface is stain-resistant and fingerprint-resistant
- ◆ Compatible with 2 3.5" hard disk bays and 1 5.25" optical drive bay
- ◆ Standard configuration with 1 12025 fan, good cooling effect, quiet and durable
- ◆ Provides 7 full-height PCI/PCIE expansion slots with pressure strips and fixing frames
- ◆ Provide optional COM port for knockout
- ◆ The power switch, reset switch, power indicator light and hard disk indicator light are set in the lockable and see-through front door to effectively prevent unauthorized operations
- ◆ Compatible with 250W, 300W, 400W AC and DC industrial power supplies
- ◆ Can be widely used in industrial sites with a lot of dust, oil, and vibration

Product specifications

Product number	IPC-6041
product type	4U rack-mounted intelligent manufacturing machine
Compatible motherboard type	Compatible with ATX, Micro-ATX, Mini-ITX industrial motherboards, full-length and half-length cards
2.5" drive reserve	2 x 2.5"SSD solid-state drive ready for installation
3.5" drive reserve position	2 3.5" hard disk installation positions
5.25" drive reserve position	One 5.25" optical drive installation position, when not equipped with a blank baffle to cover
Front I/O port	2 USB ports, power switch, reset switch, power indicator light, hard disk indicator light, door with lock
Rear I/O port	Reserve 6 DB9 serial port knockouts
Expansion slot	Provides 7 full-height PCI/PCIE expansion slots with pressure strips and fixing frames
cooling system	Standard 1 12025 fan with detachable dust filter
Working environment atmospheric conditions	Temperature 0°C~60°C, relative humidity 20%~80%, atmospheric pressure 85~105kPa
Storage environment atmospheric conditions	Temperature -40°C~60°C; relative humidity 20%~93%(40°C), atmospheric pressure 85~105kPa
Anti-vibration performance	Working state: 1Grms@5~500Hz, non-working state: 2Grms@5~500Hz
Impact resistance	3 directions, 10G (11ms half sine wave), 3 times/direction
Complete machine reference standard	Comply with the national standard GB/T 9813.4-2017 (the national standard of WeChat computer for industrial applications)
power supply	AC input 220V, 50Hz (adaptable to 220~242V, 50~51Hz) Standard 300W ATX power supply, compatible with 250W, 300W, 400W PS2 power supply
Size (W*H*D)	450mm *177mm *430mm (excluding ears and handles)
weight	The chassis with power supply weighs about 15KG

Product size and interface layout

Different motherboards are equipped with dedicated I/O blocks, as follows
 H81-6COM, Q170-6COM,
 Rear IO of Micro-ATX-C4580



- ①. Front USB
- ②. PWR LED/HDD LED
- ③. Switch board assembly
- ④. Storage place

- ①. PS2 power bit
- ②. String and parallelport knock out the hole position
- ③. PCI/PCIE expansion slot
- ④. Expansion card fixing strip

Ordering Information

model	Motherboard	CPU (Optional)	VGA	HDMI	DVI	LAN	USB2.0/3.0	COM	store (Optional)	RAM (Optional)	Expansion slot	power supply (Optional)
IPC-6041-01	Micro-ATX-C4580	C4580	1	1	1	2	2/4	10	120G SSD	4G DDR3	1*PCIE x1 1*PCIE x16 2*PCI	ATX 250W
IPC-6041-02	H81-6COM	I5-4570	1	1	1	2	2/6	6	120G SSD	4G DDR3	1*PCIE x16 1*PCIE x1 5*PCI	ATX 300W
IPC-6041-03	Q170-6COM	I7-7700	1	1	1	2	4/4	6	120G SSD	4G DDR4	2*PCIE x16 3*PCIE x4 2*PCI	ATX 300W

Parts List

category	Qty
IPC-6041	1 pcs
Manual	1
power cable	1