

Industrial Mini PC Series

High Performance | High Reliability | Multi-Expansion

Compact | Efficient Heat Dissipation | Wide Temperature

PRODUCT LINEUP



[Industrial Mini PC]

[Embedded CPU Series]

Models:

B4000 | B5000

B5100 | B5200

B5300 | B5400

B5500 | B5600

B5610 | B5700

B5700-C | B5800

B7100 | B8000

Support ARM / Intel CPU

Support Android / Windows / Linux system

Support DIN / Embedded / Desktop / Wall Installation

[Industrial Mini PC]

[Desktop CPU Series]

Models:

B5900 | B6000

B6100 | B8000-DC

Support Intel Core 4th to 14th Desktop CPU

Support Windows / Linux system

Support Embedded / Desktop / Wall Installation





[QY-B4000]

Processor

ARM: Rockchip RK3568 / RK3588

Memory & Storage

LPDDR4, 2GB / 4GB / 8GB (On Board)
eMMC, 32GB / 64GB / 128GB (On Board)
1*MSATA SSD Slot / 1*TF Card Slot

Networking

2*Realtek 1 Gbps LAN
WiFi 5E / BT 4.2 (On Board)
4G Module (Opt)

I/O & Expansion

2*USB 3.0 / 4*USB 2.0
4*RS-232+2*RS-232 / 485
8*GPIO
1*HDMI

Power & Thermal

DC 12V
Fanless Design
-20 ~ 60°C Working Temperature

Parameters

Size: 232.6mm*138mm*40.7mm
Structure: All Aluminum Alloy Material
Installation: Desktop / Embedded / Wall



[QY-B5000]

Processor

Core: i7-1355U

Memory & Storage

2*DDR V RAM Slots, Up to 64GB

1*MSATA SSD Slot

1*M.2 NVME SSD Slot

1*SATA SSD Slot

Networking

2*Intel i225V LAN

WiFi 7E / BT 5.4 (Opt)

4G / 5G Module (Opt)

I/O & Expansion

4*USB 3.0 / 2*USB 2.0

4*RS-232+2*RS-232 / 422 / 485

14*GPIO

1*HDMI / 1*VGA

Power & Thermal

DC 9-36V With Over Voltage Protection

Fanless Design

-20 ~ 60°C Working Temperature

Parameters

Size: 236mm*157mm*72mm

Structure: All Aluminum Alloy Material

Installation: Desktop / Embedded / Wall



[QY-B5100]

Processor

Celeron: J1900

Core: 4 / 7th - i3 / i5 / i7

Memory & Storage

1*DDR III / IIII RAM Slot, Up to 16GB

1*MSATA SSD Slot

Networking

2*Intel i211-AT LAN

WiFi 7E / BT 5.4 (Opt)

4G / 5G Module (Opt)

I/O & Expansion

4*USB 3.0

2*RS-232+2*RS-232 / 422 / 485

8*GPIO

1*HDMI / 1*DP

Power & Thermal

DC 9-36V With Over Voltage Protection

Fanless Design

-20 ~ 60°C Working Temperature

Parameters

Size: 170mm*108mm*48mm

Structure: All Aluminum Alloy Material

Installation: Rail / Desktop / Embedded / Wall



[QY-B5200]

Processor

Celeron: J1900

Core: 4 / 7th - i3 / i5 / i7

Memory & Storage

1*DDR III / IIII RAM Slot, Up to 16GB

1*MSATA SSD Slot

1*M.2 SATA SSD Slot

Networking

2*Intel i211-AT LAN

WiFi 7E / BT 5.4 (Opt)

4G / 5G Module (Opt)

I/O & Expansion

4*USB 3.0

4*RS-232+2*RS-232 / 422 / 485

1*HDMI / 1*VGA

Support ipctech Multi Functional Expansion Card

Power & Thermal

DC 9-36V With Over Voltage Protection

Fanless Design / Fan Chassis (Opt)

-20 ~ 60°C Working Temperature

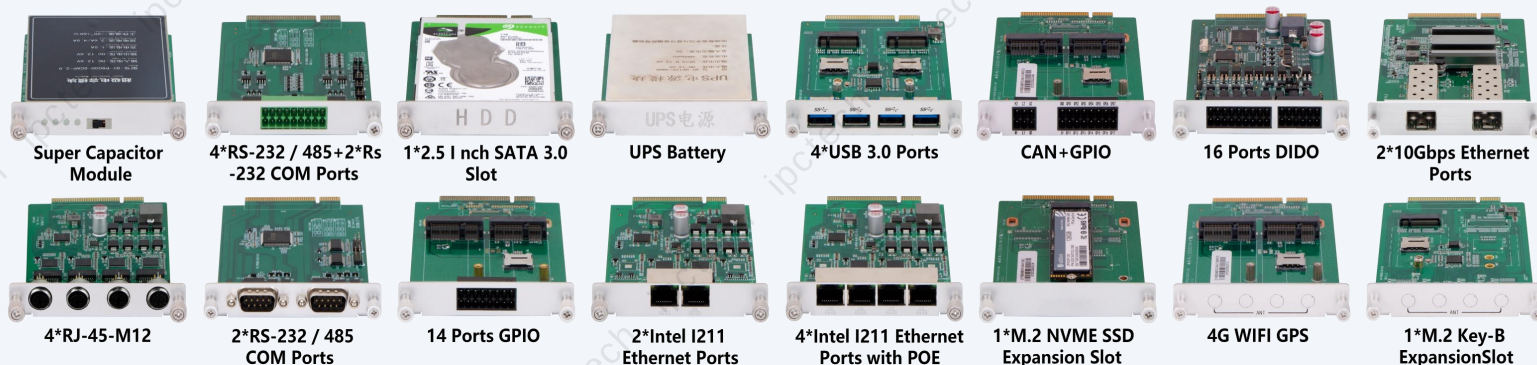
Parameters

Size: 260mm*150mm*65mm

Structure: All Aluminum Alloy Material

Installation: Rail / Desktop / Embedded / Wall

[ipctech Expansion Card]





[QY-B5300]

Processor

Celeron: J6412

Atom: N96 / N100

Core: 4 / 6 / 7 / 8 / 10 / 11 / 12th - i3 / i5 / i7

Memory & Storage

1*DDR III / IIII RAM Slot, Up to 16GB

1*MSATA / M.2 NVME SSD Slot

1*SATA SSD Slot

Networking

2*Realtek 8111E LAN

WiFi 7E / BT 5.4 (Opt)

4G / 5G Module (Opt)

I/O & Expansion

4*USB 3.0

2*RS-232 / 485

2*HDMI / 1*DP

Power & Thermal

DC 12V

Fanless Design / Fan Chassis (Opt)

-20 ~ 60°C Working Temperature

Parameters

Size: 160mm*127mm*53mm

Structure: All Aluminum Alloy Material

Installation: Desktop / Embedded / Wall



[QY-B5400]

Processor

Celeron: J1900

Core: 4 / 7 / 8 / 10th - i5 / i7

Memory & Storage

1*DDR III / IIII RAM Slot, Up to 16GB

1*MSATA SSD Slot

Networking

2*Intel i210-AT LAN (M12)

WiFi 7E / BT 5.4 (Opt)

4G / 5G Module (Opt)

I/O & Expansion

4*USB 2.0 (M12)

2*RS-232 / 485 (M12)

1*VGA (M12)

Power & Thermal

DC 9-36V With Over Voltage Protection (M12)

Fanless Design

-20 ~ 60°C Working Temperature

Parameters

Size: 160mm*127mm*53mm

Structure: All Aluminum Alloy Material

Whole Machine IP66 Proof (EN60529)



[QY-B5500]

Processor

Core: 7 / 8 / 12 / 13th - i3 / i5 / i7

Ultra: 125H / 155H

Memory & Storage

1*DDR III / V RAM Slot, Up to 32GB

1*M.2 NVME SSD Slot

Networking

2*Intel i210-AT LAN

WiFi 7E / BT 5.4 (Opt)

4G / 5G Module (Opt)

I/O & Expansion

4*USB 3.2

4*RS-232 + 2*RS-232 / 422 / 485

8*GPIO

2*HDMI

Power & Thermal

DC 9-36V With Over Voltage Protection

Fanless Design

-20 ~ 60°C Working Temperature

Parameters

Size: 139mm*100mm*44mm

Structure: All Aluminum Alloy Material

Installation: Rail / Desktop / Embedded / Wall



[QY-B5600]

Processor

Core: 6 / 7th - i3 / i5 / i7

Memory & Storage

1*DDR III RAM Slot, Up to 16GB

1*MSATA SSD Slot

1*SATA SSD Slot

Networking

2*Intel i210-AT LAN

WiFi 7E / BT 5.4 (Opt)

4G / 5G Module (Opt)

I/O & Expansion

4*USB 3.0 / 6*USB 2.0 / 2*PS2

4*RS-232 + 4*RS-232 / 422 / 485

14*GPIO

1*HDMI / 1*VGA

Power & Thermal

DC 9-36V With Over Voltage Protection

Fanless Design

-20 ~ 60°C Working Temperature

Parameters

Size: 236mm*228mm*72mm

Structure: All Aluminum Alloy Material

Installation: Desktop / Embedded / Wall



[QY-B5610]

Processor

Core: 6 / 7th - i3 / i5 / i7

Memory & Storage

1*DDR III RAM Slot, Up to 16GB

1*MSATA SSD Slot

1*SATA SSD Slot

Networking

5*Intel i210-AT LAN

WiFi 7E / BT 5.4 (Opt)

4G / 5G Module (Opt)

I/O & Expansion

4*USB 3.0 / 6*USB 2.0

8*RS-232 + 4*RS-232 / 422 / 485

2*PCIE 1x or 2*PCI Slots

1*HDMI / 1*VGA

Power & Thermal

DC 9-36V With Over Voltage Protection

Fanless Design

-20 ~ 60°C Working Temperature

Parameters

Size: 236mm*220mm*118mm

Structure: All Aluminum Alloy Material

Installation: Desktop / Embedded / Wall



[QY-B5700]

Processor

Celeron: J6412

Core: 7 / 8 / 10 / 11 / 12 / 13th - i3 / i5 / i7

Memory & Storage

2*DDR III RAM Slots, Up to 32GB

1*M.2 NVME SSD Slot

1*SATA SSD Slot

Networking

2*Intel i210-AT LAN

WiFi 7E / BT 5.4 (Opt)

4G / 5G Module (Opt)

I/O & Expansion

4*USB 3.0 / 4*USB 2.0

2*RS-232 + 4*RS-232 / 422 / 485

14*GPIO

1*HDMI / 1*VGA

Power & Thermal

DC 9-36V With Over Voltage Protection

Fanless Design

-20 ~ 60°C Working Temperature

Parameters

Size: 236mm*183mm*72mm

Structure: All Aluminum Alloy Material

Installation: Desktop / Embedded / Wall



[QY-B5700-C]

Processor

Celeron: J6412

Core: 7 / 8 / 10 / 11 / 12 / 13th - i3 / i5 / i7

Memory & Storage

2*DDR III RAM Slots, Up to 32GB

1*M.2 NVME SSD Slot

1*SATA SSD Slot

Networking

2*Intel i210-AT LAN

WiFi 7E / BT 5.4 (Opt)

4G / 5G Module (Opt)

I/O & Expansion

4*USB 3.0 / 4*USB 2.0

2*RS-232 + 4*RS-232 / 422 / 485

1*HDMI / 1*VGA

Support ipctech Multi Functional Expansion Card

Power & Thermal

DC 9-36V With Over Voltage Protection

Fanless Design

-20 ~ 60°C Working Temperature

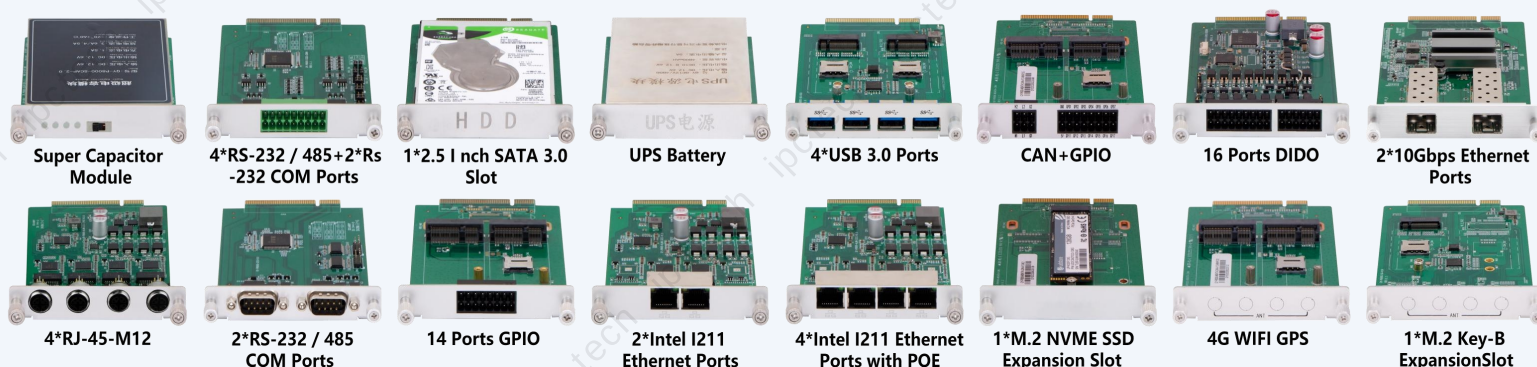
Parameters

Size: 236mm*183mm*72mm

Structure: All Aluminum Alloy Material

Installation: Desktop / Embedded / Wall

[ipctech Expansion Card]





[QY-B5800]

Processor

Celeron: J1900

Core: 4th - i3 / i5 / i7

Memory & Storage

1*DDR III RAM Slot, Up to 8GB

1*MSATA SSD Slot

1*SATA SSD Slot

Networking

2*Realtek 8111E LAN

WiFi 5E / BT 4.0 (Opt)

4G Module (Opt)

I/O & Expansion

4*USB 3.0 / 4*USB 2.0

4*RS-232 + 2*RS-232 / 422 / 485

14*GPIO

1*HDMI / 1*VGA

Power & Thermal

DC 12V

Fanless Design

-20 ~ 60°C Working Temperature

Parameters

Size: 236mm*133mm*72mm

Structure: All Aluminum Alloy Material

Installation: Desktop / Embedded / Wall



[QY-B7100]

Processor

i5: 8305G / 14450HX with GPU

i7: 8705G / 12650HX / 13650HX with GPU

Memory & Storage

2*DDR III / V RAM Slots, Up to 32GB

2*M.2 NVME SSD Slots

1*SATA SSD Slot

Networking

4*Intel i226V 2.5Gbps LAN

WiFi 7E / BT 5.4 (Opt)

4G / 5G Module (Opt)

I/O & Expansion

4*USB 3.0 / 4*USB 2.0

2*RS-232 + 2*RS-232 / 422 / 485

14*GPIO

4*HDMI

Power & Thermal

DC 9-36V With Over Voltage Protection

Fanless Design

-20 ~ 60°C Working Temperature

Parameters

Size: 252mm*181mm*76mm

Structure: All Aluminum Alloy Material

Installation: Desktop / Embedded / Wall



[QY-B8000]

Processor

Celeron: J1900 / J6412

Atom: N95 / N100

Core: 4 / 7 / 8 / 10 / 12 / 13th-i3 / i5 / i7

Memory & Storage

2*DDR III / IIII RAM Slots, Up to 32GB

1*MSATA SSD Slot

1*SATA SSD Slot

Networking

2*Intel i210-AT LAN

WiFi 7E / BT 5.4 (Opt)

4G / 5G Module (Opt)

I/O & Expansion

4*USB 3.0

4*RS-232 + 2*RS-232 / 422 / 485

1*HDMI

Support ipctech Multi Functional Expansion Card

Power & Thermal

DC 9-36V With Over Voltage Protection

Fanless Design / Fan Chassis (Opt)

-20 ~ 60°C Working Temperature

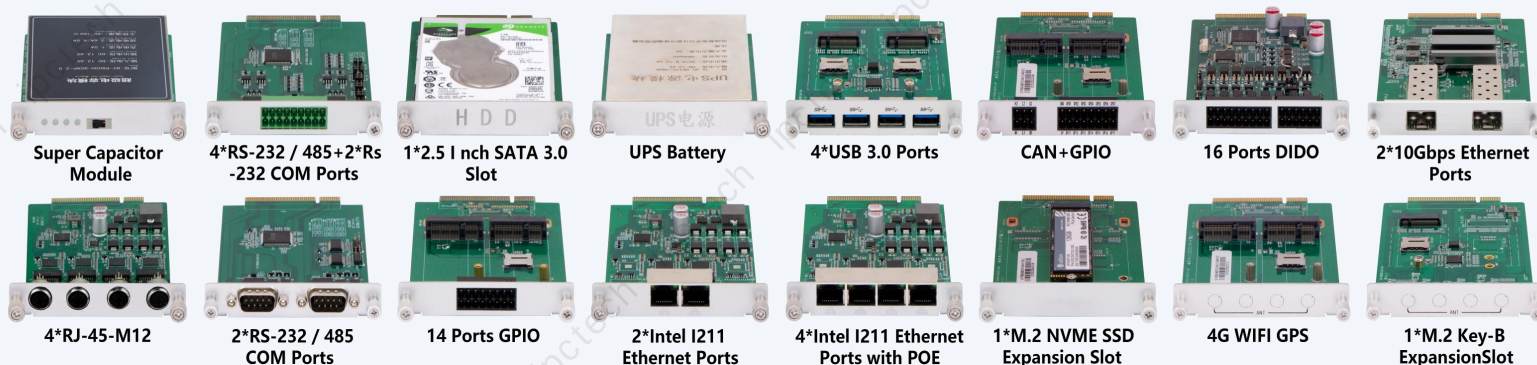
Parameters

Size: 285mm*160mm*50mm

Structure: All Aluminum Alloy Material

Installation: Desktop / Embedded / Wall

[ipctech Expansion Card]





[QY-B5900]

Processor

H310: 8 / 9th - i3 / i5 / i7 / i9 Desktop CPU

H610: 12 / 13 / 14th - i3 / i5 / i7 / i9 Desktop CPU

Memory & Storage

2*DDR III RAM Slots, Up to 32GB

1*M.2 NVME SSD Slot

Networking

2*Realtek 8111E LAN

WiFi 7E / BT 5.4 (Opt)

4G / 5G Module (Opt)

I/O & Expansion

4*USB 3.0

2*RS-232 + 2*RS-232 / 422 / 485

2*HDMI / 1*DP

Power & Thermal

DC 9-36V With Over Voltage Protection

Fan Design

-20 ~ 60°C Working Temperature

Parameters

Size: 227mm*230mm*82mm

Structure: All Aluminum Alloy Material

Installation: Desktop / Embedded / Wall



[QY-B6000]

Processor

B85: 4th - i3 / i5 / i7 Desktop CPU

B365: 6 / 7 / 8 / 9th - i3 / i5 / i7 / i9 Desktop CPU

Memory & Storage

2*DDR III / IIII RAM Slots, Up to 32GB

1*M.2 NVME SSD Slot / 1*MSATA SSD Slot

2*SATA SSD Slots

Networking

2 or 4 or 6*Intel i221-AT LAN

WiFi 7E / BT 5.4 (Opt)

4G / 5G Module (Opt)

I/O & Expansion

6*USB 3.0 / 2*USB 2.0

4*RS-232 + 2*RS-232 / 422 / 485

2*PCIE or 2*PCI Slots

1*HDMI / 1*DP / 1*DVI

Power & Thermal

DC 9-36V With Over Voltage Protection

Fanless Design

-20 ~ 60°C Working Temperature

Parameters

Size: 290.5mm*232mm*117.5mm

Structure: All Aluminum Alloy Material

Installation: Desktop / Embedded / Wall



[QY-B6100]

Processor

H670: 12 / 13 / 14th - i3 / i5 / i7 / i9 Desktop CPU

Memory & Storage

2*DDR III RAM Slots, Up to 64GB
1*M.2 NVME SSD Slot / 1*MSATA SSD Slot
1*SATA SSD Slot

Networking

2*Intel i221-AT LAN
WiFi 7E / BT 5.4 (Opt)
4G / 5G Module (Opt)

I/O & Expansion

4*USB 3.1 / 3*USB 2.0
2*RS-232 + 4*RS-232 / 422 / 485
2*PCIE or 2*PCI Slots / 14*GPIO
1*HDMI / 1*DP / 1*VGA

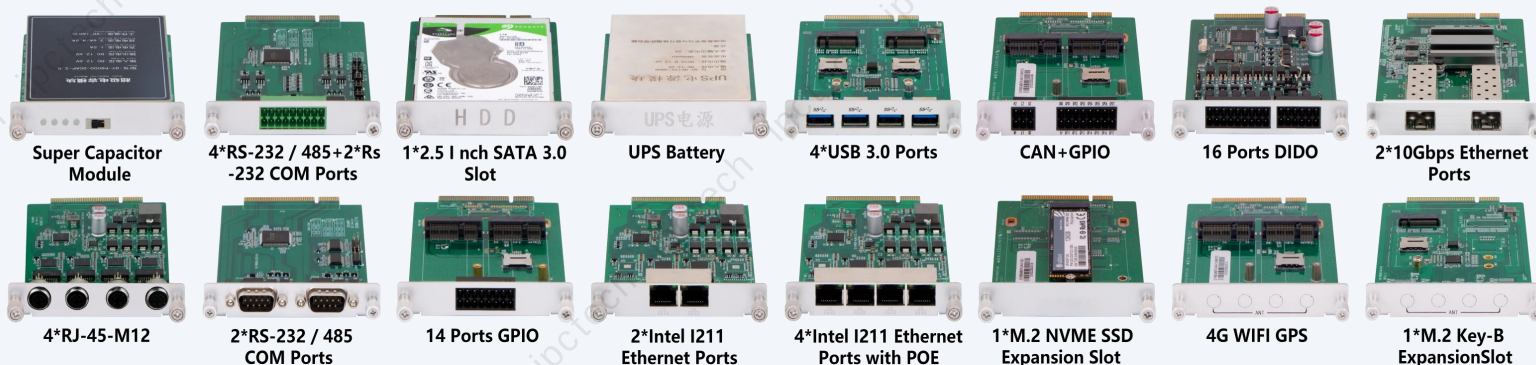
Power & Thermal

DC 9-36V With Over Voltage Protection
Fanless Design / Fan Chassis (Opt)
-20 ~ 60°C Working Temperature

Parameters

Size: 236mm*230mm*118mm
Structure: All Aluminum Alloy Material
Installation: Desktop / Embedded / Wall

[Dual ipctech Expansion Card]





[QY-B8000-DC]

Processor

B365: 6 / 7 / 8 / 9th - i3 / i5 / i7 / i9 Desktop CPU
H670: 12 / 13 / 14th - i3 / i5 / i7 / i9 Desktop CPU

Memory & Storage

2*DDR III RAM Slots, Up to 64GB
1*M.2 NVME SSD Slot

Networking

2*Intel i220-AT LAN
WiFi 7E / BT 5.4 (Opt)
4G / 5G Module (Opt)

I/O & Expansion

4*USB 3.0
4*RS-232 + 2*RS-232 / 422 / 485
1*HDMI
Support ipctech Multi Functional Expansion Card

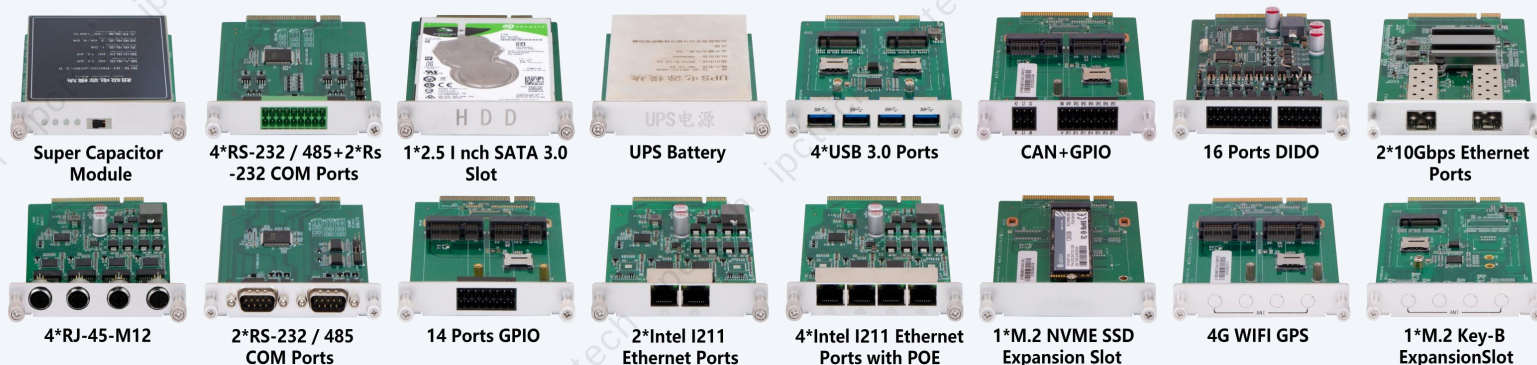
Power & Thermal

DC 9-36V With Over Voltage Protection
Fan Design
-20 ~ 60°C Working Temperature

Parameters

Size: 285mm*160mm*50mm
Structure: All Aluminum Alloy Material
Installation: Desktop / Embedded / Wall

[ipctech Expansion Card]



[Zhengzhou Qiyang Technology Co., LTD]

Add: Zhengzhou City, Henan,China.

Industrial Mini PC

嵌入式工控机系列

Compact | Efficient Heat Dissipation | Wide Temperature