INCOME

Your Reliable Partner for Industrial Computing Solutions



X86 Motherboards • Embedded PCs • Rugged Systems • Custom ODM/OEM

Empowering global partners in industrial automation, AI edge, and smart manufacturing.

sales@incomeipc.com | www.incomeipc.com | WhatsApp +86 134 1092 7681

What We Will Cover

Your trusty integrated industrial computing partner.

01	**Company Overview**	Who we are and where we add value
02	**Why Income Tech**	Capabilities behind dependable delivery
03	**Product Portfolio**	Motherboards, embedded systems & platforms
04	**Featured Platforms**	Thin-ITX, AIO, Nano-ITX and more
05	**Customization**	From interface definition to production
06	**Applications**	Proven across demanding industries
07	**Partnership Value**	Speed, flexibility and long-term support

COMPANY OVERVIEW

Income Technology

2024	20+	20+ Years	Shenzhen
Founded	Team	Experience	Location

Shenzhen Income Technology Co., Ltd. is a specialized provider of industrial computing platforms based on the X86 architecture. Our product portfolio centers on industrial motherboards and complete industrial control systems designed for demanding environments.

Our core team members bring more than 20 years of hands-on experience in industrial control, automation, and embedded systems. We maintain strong collaborative relationships with leading global technology vendors, enabling us to integrate the most advanced components and deliver optimized solutions for our partners.

We focus on helping OEMs, system integrators, and solution providers bring reliable, cost-effective, and differentiated products to market faster.

Mission: Deliver high-value industrial computing platforms that empower innovation in automation, intelligent manufacturing, and edge AI.

PRODUCT PORTFOLIO

Complete Industrial Computing Lineup

Motherboards	Intel 4th / 6-9th / 12-14th Gen platforms Q670, H110, B85 chipsets High expandability for industrial use
IPC Chassis Systems	2U & 4U industrial chassis Flex / ATX power options Sheet-metal construction, high reliability
Embedded Box PCs	Compact 17×17 cm platforms Low TDP (15W) designs Rich I/O including multiple COM ports
Rugged Tablets	10.1" IP67 capacitive touch Intel / Rockchip / MediaTek options Detachable battery, multi-sensor ready

Feature Lists Engineer Recommend

Intel	Models	Main Specifications
Intel Celeron	35-J1900	3.5”，J1900，CPU on Rear Side，Single LAN/Dual LAN，HDMI+VGA+LVDS/eDP，DC 12V
	ITX-J1900	17x17cm，J1900，Single LAN/Dual LAN，HDMI+VGA+LVDS/eDP，DC 12V
	ITX-J6412	17x17cm，J6412，Single LAN/Dual LAN，HDMI+VGA+LVDS/eDP，DC 12V
Intel Core Mobile	ITX-14U	17x17cm，14TH Gen-U/-H，DC 12-19V
	ITX-12/13UP	17x17cm，12/13TH Gen-U/-P/-H，DDR4，DC 12V
	ITX-8-10U	17x17cm，8TH Gen-U，Single LAN/Dual LAN，6 Serial Ports，Dual Screen，DC 12V
	ITX-6/7/8 U	17x17cm，6/7/8Gen -U，Single LAN/Dual LAN，6 Serial Ports，Dual Screen，DC 12V
	ITX-4M	17x17cm，4Gen -M，DDR3，Single LAN/Dual LAN，6 Serial Ports，DC 12V
	Nano-45U	12x12cm，45Gen -U，2*8111H，2*COM，DC12V
	35-45U4L	3.5"，J6412，CPU on Front Side，Dual LAN，Dual HDMI+LVDS/eDP，9-36V
	4-6/7/8 U	4"，6/7/8 Gen U，CPU on Front Side，Single LAN，HDMI+LVDS/eDP+eDP，DC12V
	35-6/7/8 U	4"，6/7/8 Gen U，CPU on Rear Side，Single LAN,HDMI+VGA+LVDS，DC12V
Intel Desktop	ITX-H1102L	17x17cm，LGA1151，6/7/8/9Gen ，2*I210，H110，ATX PSU
	ITX-H1104L	17x17cm，LGA1151，6/7/8/9Gen ，4*I210，H110，DC 24V
	AIO-H610	17x17cm，LGA1700，12/13/14Gen ，H610，DC 19V，For All-in-One PC
	AIO-H510	17x17cm，LGA1200，10/11Gen ，H510，DC 19V，For All-in-One PC
	AIO-H110	17x17cm，LGA1151，6/7/8/9Gen ，H110，DC 12-19V，For All-in-One PC
	AIO-H81	17x17cm，LGA1150，4Gen ，H81，DC 12-19V，For All-in-One PC

Thin-ITX Motherboard Series



ITX-14UH

Recommended

CPU：Intel Core 14Gen -U/-H Series Processor

Memory：2*DDR5 SO-DIMM，up to 64GB

Storage：1*M.2 2280 NVMe/SATA，1*SATA3.0

Display：HDMI，VGA，LVDS/eDP1，eDP2

Others：Intel i226，1 or 2 Gigabit LAN, selectable, E-Key，B-Key(4G)

Power：DC 12-19V

Size：170x170 mm



ITX-8-10U

CPU：Intel Core 8/10Gen -U Series Processor

Memory：2*DDR4 SO-DIMM，up to 32GB

Storage：1*M.2 2280，1*SATA3.0

Display：HDMI，VGA，LVDS/eDP，eDP2

Others：RTL8111H1 or 2 Gigabit LAN, selectable, E-Key（WIFI/BT），B-Key（4G/5G），6*COM,2*JUSB2.0,

Power：DC 12V

Size：170x170 mm



ITX-12UP

Recommended

CPU：Intel Core 12/13Gen -U/-P/-H Series Processor

Memory：2*DDR4 SO-DIMM，up to 64GB

Storage：1*M.2 2280，1*SATA3.0

Display：HDMI，VGA，LVDS/eDP1,eDP2

Others：RTL8111H1 or 2 Gigabit LAN, selectable，E-Key，B-Key，6*COM

Power：DC 12V

Size：170x170 mm



ITX-6/7/8 U

Recommended

CPU：Intel Core 6/7/8Gen -U Series Processor

Memory：2*DDR3L SO-DIMM，up to 16GB

2*DDR4 SO-DIMM，up to 32GB

Storage：1*M.2 2280 SATA，1*SATA3.0

Display：VGA，HDMI，LVDS/eDP1，eDP2

Others：RTL8111H，1 or 2 Gigabit LAN, selectable，E-Key，6*COM

Power：DC 12V

Size：170x170 mm

Thin-ITX Motherboard Series



ITX-45U

Recommended

CPU： Intel Core 14Gen -U/-H Series Processor

Memory： 2*DDR5 SO-DIMM， up to 64GB

Storage： 1*M.2 2280 NVMe/SATA， 1*SATA3.0

Display： HDMI， LVDS/eDP1， VGA/eDP2

Others： Intel i226， 1 or 2 Gigabit LAN, selectable, E-Key， B-Key(4G)

Power： DC 12-19V

Size： 170x170 mm



ITX-4M

Recommended

CPU： Intel Core 4Gen -M Series， HM86

Memory： 2*DDR3 SO-DIMM， up to 16GB

Storage： 1*mSATA， 1*SATA3.0

Display： HDMI， LVDS/eDP1,VGA/eDP2

Others： RTL8111H1 or 2 Gigabit LAN, selectable， MiniPCIe(WIFI&BT/4G), 6*COM,JLPT

Power： DC 12V

Size： 170x170 mm



ITX-N100

CPU： Intel AlderLake-N Series， N100

Memory： 1*DDR4 SO-DIMM， up to 32GB

Storage： 1*M.2 2280， 1*SATA3.0

Display： HDMI， VGA， LVDS/eDP， eDP2

Others： RTL8111H1 or 2 Gigabit LAN, selectable, E-Key （WIFI/BT），B-Key（4G/5G），6*COM,2*JUSB2.0,

Power： DC 12V

Size： 170x170 mm



ITX-J6412

Recommended

CPU： Intel ElkhartLake Series,J6412

Memory： 1*DDR4 SO-DIMM， up to 32GB

Storage： 1*M.2 2280 SATA， 1*SATA3.0

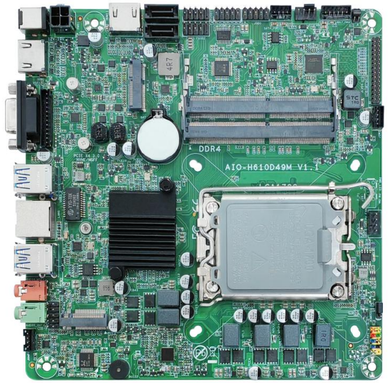
Display： VGA， HDMI， LVDS/eDP1， eDP2

Others： RTL8111H， 1 or 2 Gigabit LAN, selectable， E-Key， B-Key(4G/5G),6*COM

Power： DC 12V

Size： 170x170 mm

All in one & Additional Motherboard Series



ITX-H610

Recommended

CPU：Intel LGA1700 12/13/14Gen -S Series Processor，H610

A version without a side-mounted graphics card slot is available.

Memory：**2***DDR4 SO-DIMM，up to 64GB

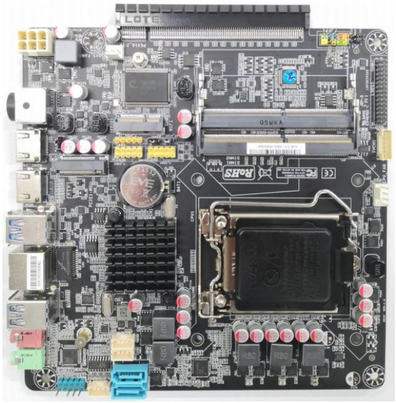
Storage：1*M.2 2280 NVMe/SATA，2*SATA3.0

Display：**2***HDMI，VGA，1*LVDS/eDP

Others：RTL8111H Single LAN，E-Key

Power：DC 12-19V

Size：170x170 mm



ITX-H510G

Recommended

CPU：Intel LGA1200 10/11Gen Series Processor，H510

A version without a side-mounted graphics card slot is available.

Memory：2*DDR4 SO-DIMM，up to 64GB

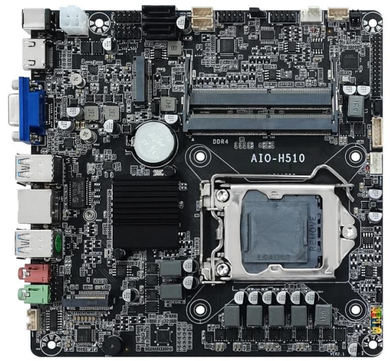
Storage：1*M.2 2280，1*SATA3.0

Display：2*HDMI，VGA，LVDS/eDP

Others：PCIe x16(16X),RTL8111H Single LAN，E-Key，2*JUSB2.0

Power：DC 12-19V

Size：170x170 mm



ITX-H510

CPU：Intel LGA1200 10/11Gen Series Processor，H510

Memory：2*DDR4 SO-DIMM，up to 32GB

Storage：1*M.2 2280，1*SATA3.0

Display：HDMI，VGA，LVDS/eDP

Others：RTL8111H Single LAN，E-Key（WIFI/BT），1*JCOM,2*JUSB2.0,

Power：DC 12-19V

Size：170x170 mm



ITX-H110

Recommended

CPU：Intel LGA1151 6/7/8/9Gen Series Processor，H110

Memory：2*DDR4 SO-DIMM，up to 64GB

2*DDR3L Version is Available

Storage：1*M.2 2280 SATA，2*SATA3.0

Display：VGA，HDMI，LVDS/eDP

Others：RTL8111H Single LAN，E-Key，6*COM

Power：DC 12-19V

Size：170x170 mm

Nano-ITX Motherboard Series



NANO-1213UP （+ MPC-Z01）

Recommended

CPU： Intel Core 12/13Gen -U/-P/-H Series Processor

Intel Core Ultra-U/-H Series Processor

Memory： 1*DDR4 SO-DIMM， up to 32GB

1*DDR5 SO-DIMM， up to 48GB

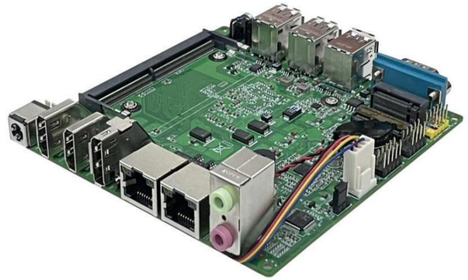
Storage： 1*M.2 2280， 1*SATA3.0

Display： 2*HDMI， 1*DP， 1*Type-C(DP+USB3.0)

Others： 8*USB,2-3*LAN Intel i226,8GPIO

Power： DC 12-19V

Size： 120x120 mm



NANO-N100 （+ EPC-G02）

Recommended

CPU： Intel Alder Lake-N Series Processor

Memory： 1*DDR4 SO-DIMM， Up to 32GB

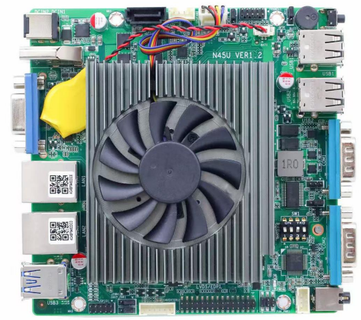
Storage： 1*mSATA

Display： 2*HDMI， DP,VGA

Others： 2*RTL8111H， 1*DB9， 2*JCOM， 10*USB

Power： DC 12V

Size： 120x120 mm



NANO-45U （+ MPC-Z01）

CPU： Intel Core 4/5Gen -U Series Processor

Memory： 1*DDR3 SO-DIMM， up to 8GB

Storage： mSATA， 1*SATA3.0

Display： HDMI， VGA, LVDS/eDP

Others： 6*USB， 2*LAN RTL8111H， 2*DB9， Audio

Power： DC 12V

Size： 120x120 mm



NANO-1900 （+ EPC-G02）

CPU： Intel Bay Trail Series Processor

Memory： Onboard DDR3L memory chips, up to 8GB

Storage： 1*mSATA

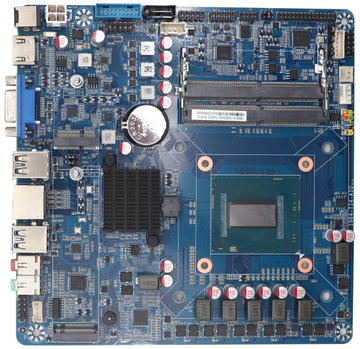
Display： HDMI， VGA

Others： 2*RTL8111H， 2*DB9， 2*JCOM， 4*USB

Power： DC 12V

Size： 120x120 mm

All in one & Additional Motherboard Series



ITX-13HX

Recommended

CPU：Intel 13/14Gen -HX Series Processor

Memory：**2***DDR4 SO-DIMM，up to 64GB

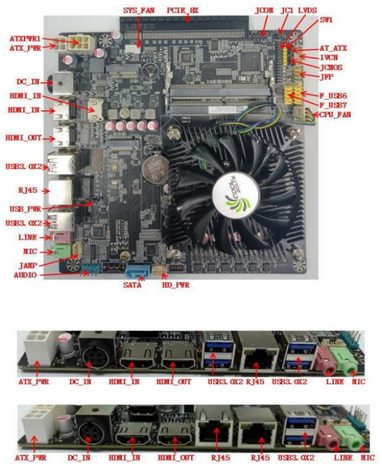
Storage：1*M.2 2280 NVMe/SATA，2*SATA3.0

Display：**2***HDMI，VGA，1*LVDS/eDP

Others：RTL8111H Single LAN，E-Key

Power：DC 12-19V

Size：170x170 mm



ITX-12UPH

Recommended

CPU：Intel Core 12/13Gen -U/-P/-H Series Processor

A version without a side-mounted graphics card slot is available.

Memory：2*DDR4 SO-DIMM，up to 64GB

Storage：1*M.2 2280，1*SATA3.0

Display：2*HDMI，VGA，LVDS/eDP

Others：PCIe x16(16X),RTL8111H Single LAN，E-Key，2*JUSB2.0

Power：DC 12-19V

Size：170x170 mm



ATX-Z390A

CPU：Intel LGA1151 6/8/9Gen Series Processor，TDP 95W，Z390

Memory：2*DDR4 U-DIMM，up to 32GB

Storage：1*M.2 2280 NVMe/SATA，2*SATA3.0

Display：HDMI，VGA

Others：1*PCIe x16(PCIe3.0 16X)，1*PCIe x8 Edge connector (gold-plated)，

6*Intel i210/i211，COM1 RS232/422/485，COM2 RS232/485，COM3/4/5/6 RS232，8*GPIO，8*USB3.0，1*USB2.0

Power：ATX 24+8Pin

Size：190x190 mm



MATX-Z390B

CPU：Intel LGA1151 6/8/9Gen Series Processor，TDP 95W，Z390

Memory：4*DDR4 U-DIMM，up to 64GB

Storage：1*M.2 2280 NVMe/SATA，4*SATA3.0

Display：HDMI，VGA，DP

Others：1*PCIe x16(PCIe3.0 16X)，1*PCIe x4（PCIe3.0 4X)，

2*PCI，2*Intel i210/i211，

COM1 RS232/422/485，COM2 RS232/485，8*GPIO，

1*LPT，6*USB3.0，2*JUSB2.0，1*USB2.0，PS/2

Power：ATX 24+8Pin

Size：244x244 mm

3.5" Motherboard Series



35-N100

Recommended

CPU：Intel Alder Lake-N Series Processor,N100

Memory：1*DDR4 SO-DIMM，Up to 32GB

Storage：1*mSATA，1*SATA3.0

Display：1*HDMI，VGA, LVDS/eDP

Others：E-Key(WIFI&BT），M.2 4G/5G,RTL8111H

1 or 2 Gigabit LAN, selectable，8-6*USB，6*COM，8*GPIO

Power：DC 12V

Size：148x102 mm



35-6412

Recommended

CPU：Intel Elkhart Lake Series Processor,J6412

Memory：1*DDR4 SO-DIMM，Up to 32GB

Storage：M.2 2280 PCIe/SATA，1*SATA3.0

Display：1*HDMI，VGA, LVDS/eDP

Others：E-Key(WIFI&BT），M.2 4G/5G,RTL8111H

1 or 2 Gigabit LAN, selectable，8-6*USB，6*COM，8*GPIO

Power：DC 12V

Size：148x102 mm



35-45U

Recommended

CPU：Intel Core 4/5Gen -U Series Processor

Memory：1*DDR3L SO-DIMM，Up to 8GB

Storage：1*mSATA，1*SATA3.0

Display：1*HDMI，VGA, LVDS/eDP

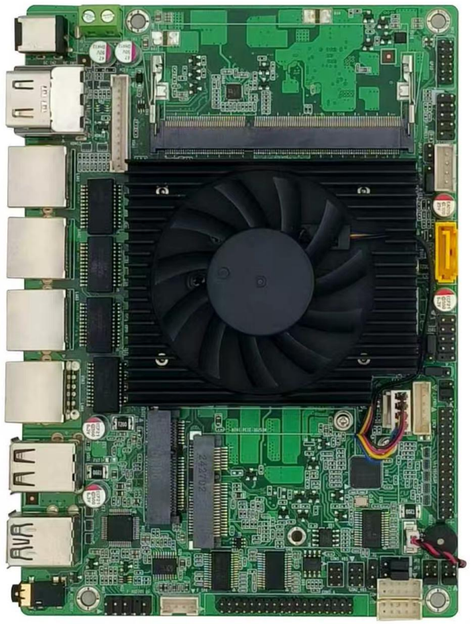
Others：MiniPCIe(WIFI&BT)，E-Key,RTL8111H

1 or 2 Gigabit LAN, selectable，8-6*USB，6*COM，8*GPIO

Power：DC 12V

Size：148x102 mm

3.5" Motherboard Series



4-45U4L

Recommended

CPU：Intel Core 4/5th Gen-U Series Processor

Memory：1*DDR3L SO-DIMM，Up to 8GB

Storage：1*mSATA，1*SATA3.0

Display：1-2*HDMI，LVDS/eDP，JVGA

Others：MiniPCIe（WIFI&BT/4G），3-4*Intel i210，6-4*USB，2*JRS232/485，4*JRS232，8*GPIO

Power：DC 9-36V

Size：116x165 mm



4-6/7/8 U

Recommended

CPU：Intel Core 6/7/8Gen -U Series Processor

Memory：1*DDR4 SO-DIMM，Up to 32GB

Storage：M.2 2280 PCIe/SATA，1*SATA3.0

Display：HDMI，LVDS/eDP1，eDP2

Others：E-Key（WIFI&BT），1*RTL8111H，6*USB，3*JRS232，8*GPIO，CONSOLE，Cash Drawer Port

Power：DC 12V

Size：120x170 mm



35-6/7/8 U

Recommended

CPU：Intel Core 6/7/8Gen -U Series Processor

Memory：1*DDR3L SO-DIMM，Up to 8GB

1*DDR4 SO-DIMM，Up to 32GB

Storage：1*mSATA，1*SATA3.0

Display：HDMI，LVDS/eDP，JVGA

Others：MiniPCIe(WIFI&BT)，E-Key(WIFI&BT)，2*RTL8111H，6*USB，2*JRS232/485，4*JRS232，8*GPIO

Power：DC 12V

Size：102x148 mm

Embedded System Series

EPC Series



Metal EPC-N01/02...
135x127x40 mm



Metal EPC-T01/T02...
135x1275x40 mm



Metal EPC-T01H/T02H...
135x1275x40 mm

IPC Series



Metal IPC-2U01
210x122x70 mm



Metal IPC-4U01
482x450x178 mm

AIPC Series



Metal TG0B
100x100x34 mm



Metal TG170
197x197x55 mm



Metal IPC-2U01
197x197x72 mm

MiniPC Series



Metal MPC-T03...
198x186x42 mm



Metal MPC-T03...
210x193x60 mm



Metal MPC-T03...
239x301x95 mm

EmbeddedPC Series

Fanless series



EPC-N01

Recommended

CPU：CPU+ 120x120mm Series Motherboard, TDP 15W

Interface：DC JACK、1 * HDMI、1 * VGA、2 * LAN、6 * USB、2 * DB9、Audio

Size：135x127x40 mm

Material：Aluminum



EPC-T01

CPU：CPU+ 170x170mm Series Motherboard, TDP 15W

Interface：DC JACK、1 * HDMI、1 * VGA、2 * LAN、4 * USB、Audio

Size：135x1275x40 mm

Material：Aluminum



EPC-T01H

Recommended

CPU：CPU + 170x170mm Series Motherboard, TDP 15W

Interface：DC JACK、1 * HDMI、1 * VGA、2 * LAN、6 * USB、6 * DB9、Audio

Size：135x1275x40 mm

Material：Aluminum

IPC Series

Industrial PC series



IPC-2U01

Recommended

CPU：CPU + 170x170mm Series Motherboard，TDP 65W

Interface：DC JACK、1 * HDMI、1 * VGA、2 * LAN、6 * USB、2 * DB9、Audio

Expansion slot：2 * Half-height Expansion Slot

Power：Built-in Flex 1UPower

Size：236x323x89 mm

Material：Metal



IPC-4U01

CPU：CPU+ ATX Series Motherboard，TDP 135W

Interface：DC JACK、HDMI、VGA、2 * LAN，8 * USB、6 * DB9、Audio

Expansion slot：7 * Full-height Expansion Slot

Power：Built-in ATXPower

Size：429x473x177 mm

Material：Metal

AIPC Series



APC-0B Recommended

- 12x12 Series Motherboard
- CPU：J6412、N5105、N100、Intel Core 12/13/14/15、AMD Ryzen 3/4/5/6/7/8000 Series
- Interface：1*LAN，4*USB，HDMI+DP
- Material：Plastic
- Size：100x100x34 mm



APC-3A Recommended

- CPU：Intel Core 12/13/14/15Gen
  AMD Ryzen 6/7/8000 Series
- Interface：1*LAN，4*USB，HDMI+DP，1*Type-C(USB3.0+DP)
- Material：Plastic
- Size：128x128x38 mm



APC-6A Recommended

- CPU：Intel Core 12/13/14/15Gen
  AMD Ryzen 6/7/8000 Series
- Interface：2*LAN，4*USB，HDMI+DP，1*Type-C(USB3.0+DP)
- Material：Plastic
- Size：128x128x41 mm

AIPC Series



Front View



Rear View



APC-900N Recommended

- 12x12 Series Motherboard
- CPU:RK 3568 Cortex A55 Processor，onboard LPDDR4X 2GB/4GB，onboard EMMC 8/16/32/64GB
- Material：Plastic
- Size：155x108x30 mm



APC-02G Recommended

- 17x17 Series Motherboard
- CPU: Full Series ITX Motherboard
- Supports dedicated graphics cards, length under 220mm
- Built-in 1U Power
- Material：CNC Machining Aluminum House
- Size：230x230x110 mm



APC-170 Recommended

- 17x17 Series Motherboard
- CPU: Support Full SeriesThin ITX Motherboard
- Material：CNC Machining Aluminum House，fabric top cover, plastic bottom
- Size：182x182x42 mm

MiniPC Series



MPC-01 Recommended

- Thin ITX Series Motherboard
- CPU, RAM and SSD is configured on demand
- half-height back panel
- VESA supported
- 198x186x42 mm



MPC-02 Recommended

- ITX Series Motherboard
- CPU, RAM and SSD is configured on demand
- full-height back panel
- VESA supported
- 210x193x60 mm



MPC-03 Recommended

- ITX Series Motherboard
- CPU, RAM and SSD is configured on demand
- full-height back panel，2* Expansion slot
- Supports half-height dedicated graphics cards, length under 165mm
- Built-in TFXPower
- 239x301x95 mm

TARGET APPLICATIONS

Where Our Platforms Excel

Industrial Automation

- PLC & SCADA systems
- Machine vision controllers
- Process control stations
- Factory data gateways

Mobile & Rugged Computing

- IP67 rugged tablets
- Handheld terminals
- Vehicle-mounted PCs
- Field service devices

AGV / AMR & Robotics

- Mobile robot controllers
- Navigation computers
- Robotic arm controllers
- Fleet management edge

Intelligent Manufacturing

- Edge AI inference nodes
- Smart equipment HMI
- Production line PCs
- Quality inspection systems

CUSTOMIZATION & ODM SERVICES

From Concept to Production — Fully Tailored

1 Structural Design

2D / 3D mechanical design, mold development, and industrial design tailored to your application and branding requirements.

2 Motherboard Design

Custom layout, rigorous signal-integrity verification, and functional validation to meet exact performance and interface needs.

3 Firmware Services

BIOS & VBIOS optimization, custom logos, secure boot configurations, and complete OS image preparation services.

4 System Integration

Thermal design, power architecture, hardware-software co-optimization, and full system validation for reliable deployment.

Process

A straightforward route from need to scale

Four stages, clear ownership and engineering support throughout.

01

Share Your Requirements

Application, quantity and customization scope

02

Technical Proposal

Recommended platform or custom design route

03

Sample & Validation

Evaluate, test and refine against your targets

04

Mass Production & Support

Controlled ramp, supply and ongoing support

Responsive communication • documented validation • dependable handover

WHY PARTNER WITH US

Core Strengths & Value Proposition

Deep Domain Expertise

Core team with 20+ years in industrial control, automation, and embedded systems design.

Global Technology Access

Strong partnerships with leading chipset and component vendors for the latest platforms.

Cost-Effective Solutions

Optimized designs and supply-chain efficiency delivering high performance at competitive cost.

Full Customization

From motherboard layout and BIOS to chassis, firmware, and complete system integration.

Agile & Responsive

Lean structure enables fast response, rapid prototyping, and flexible order quantities.

Quality Focus

Rigorous design verification, signal integrity validation, and industrial-grade reliability.

INCOME

Let’s start the conversation.

We look forward to becoming your trusted industrial computing partner.

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