



ITX-1264-TI4

Product Features

The ITX-1264-TI4-MB is a Mini-ITX embedded motherboard designed for multi-display and industrial control applications. Powered by a low-power Intel N-series processor, it features dual 2.5GbE Ethernet ports and supports up to four independent displays via VGA, HDMI, LVDS, and dual eDP outputs. With robust multimedia performance, rich industrial I/O, and wide-temperature operation, it is an ideal platform for digital signage, industrial HMI, self-service kiosks, and specialized display systems.

Application Scenarios



Digital Signage



Industrial Automation



IoT Edge Gateway



Embedded Terminal

| | | |
|------------------------|--------------------|---|
| Processor | Product Collection | Intel Processor N-series |
| | Sockets Supported | FCBGA1264 |
| | | |
| Memory specifications | Memory Type | DDR4 SO-DIMM 260Pin 1.2V |
| | Maximum Capacity | 16GB |
| | Maximum Frequency | 3200 MHz |
| Storage specifications | SATA | 1*SATA 3.0 (6Gb/s) |
| | M.2 | 1*M.2 Key-B+M SSD (SATA/PCIe x1) |
| Network features | Ethernet | 2*2.5GbE |
| | Controller | 2*Intel I226V |
| Extension interface | M.2 | 1*M.2 Key-E 2230 (CNVi/PCIe x1) |
| | mPCIe | 1*mPCIe (PCIe x1+USB2.0) |
| Display functions | Port | 1*VGA, 1*HD |
| | Pins | 1*LVDS or eDP1, 1*eDP2 |
| | Chip | Intel UHD Graphics |
| Backplane I/O | Ethernet | 1*RJ45+2*USB-A 3.0 or 2*RJ45 |
| | USB | 2*USB-A 3.0 |
| | Audio | 1*Line Out, 1*Mic In |
| | Display | 1*VGA/1*HD |
| | Power supply | 1*Jack DC 5.5/2.5mm |
| Onboard I/O | SATA | 1*SATA Data connector/1*SATA Power socket |

| | | |
|-------------------|---------------|---|
| | SIM | 1*SIM Card slots |
| | Fan | 1*CPU Fan, 1*System Fan |
| | Pins | 1*F_PANEL |
| | | 2*J_COM (2x5 pins), 1*J_COM (2x20 pins) |
| | | 3*F_USB (Expandable up to 6x USB 2.0 ports) |
| | | 1*J_TPM2.0 |
| | | 1*LVDS or eDP1, 1*eDP2 |
| | | 1*LPT |
| | | 1*GPIO |
| | | 1*F_Audio |
| Power supply mode | DC | 12V |
| Motherboard size | Specification | 170*170 (mm) |
| Work Environment | Temperature | -20~60℃ (Work), -20~70℃ (Storage) |
| | Humidity | 5%~90% (Relative humidity, no condensation) |



1U-1264-TI4

Product Features

The 1U-1264-TI4 is a rackmount industrial computer designed for multi-serial device management and industrial communication applications. Powered by an efficient, low-power Intel N-series processor, it integrates up to 6 configurable RS232/RS485 serial ports within a standard 1U chassis, along with flexible network and I/O options. It is an ideal solution for industrial automation gateways, security communication management, financial terminal control, and serial server deployments in data centers.

Application Scenarios



Data Acquisition Server



Industrial Automation



Communication Gateway



Embedded Systems

| | | | | |
|-----------------------|--|--|------------------------------------|--|
| Processor | Product Collection | Intel Processor N-series | | |
| | Sockets Supported | FCBGA1264 | | |
| | Memory Type | DDR4 SO-DIMM | | |
| Memory specifications | Maximum Capacity | 16GB | | |
| | Maximum Frequency | 3200 MHz | | |
| | Storage specifications | SATA | 1*SATA 3.0 (6Gb/s) | |
| | M.2 | 1*M.2 Key-B+M SSD | | |
| Extension interface | mPCIe | 1*mPCIe (PCIe/USB3.0 Signal) | | |
| | M.2 | 1*M.2 Key-B 3052 (USB3.0 Signal) | | |
| Interface | Front Panel | Button | Start or Restart | |
| | | USB | 2*USB-A 2.0 | |
| | Back Panel | Power supply | 1*AC Power socket, 1*Jack DC | |
| | | Display | 1*VGA/1*HD | |
| | | USB | 2*USB-A 3.0, 2*USB-A 2.0 (Options) | |
| | | Network | 1*RJ45 LAN or 2*RJ45 LAN (Options) | |
| | | Audio | 1*Line Out, 1*Mic In | |
| | | Serial port | Up to 6*COM | |
| | | Antenna | 1*Groups (Reserve) | |
| | | | | |
| | Cooling Method | Active Cooling, 1*CPU Fan | | |
| System Specifications | Chassis Size | 440*255*40 (mm) | | |
| | Weight | Equipment Weight 3.80 KG; Package Weight 4.55 KG (including accessories) | | |
| Power Mode | Input: 85V~264V AC 47~63 Hz, Maximum 50W | | | |
| Work Environment | Temperature | 0~60℃ | | |
| | Humidity | 5%~90% (Relative humidity, no condensation) | | |



2U-1264-TI4

Product Features

The 2U-1264-TI4 is an enhanced rackmount industrial computer designed for high-demand industrial communication and control applications. It offers up to six COM serial ports and Phoenix terminal GPIO for easy field wiring. Housed in a spacious 2U chassis, it provides improved thermal performance, expanded serial connectivity, and flexible I/O options. This makes it well suited for industrial and commercial environments that require high reliability, abundant interfaces, and continuous long-term operation.

Application Scenarios



Data Acquisition Server



Industrial Automation



Communication Gateway



Embedded Systems

| | | | |
|------------------------|-----------------------|---|---|
| Processor | Product Collection | Intel Processor N-series | |
| | Sockets Supported | FCBGA1264 | |
| | Memory Type | DDR4 SO-DIMM | |
| Memory specifications | Maximum Capacity | 16GB | |
| | Maximum Frequency | 3200 MHz | |
| Storage specifications | SATA | 1*SATA 3.0 (6Gb/s) | |
| | M.2 | 1*M.2 Key-B+M SSD | |
| Extension interface | mPCIe | 1*mPCIe (PCIe/USB3.0 Signal) | |
| | M.2 | 1*M.2 Key-B 3052 (USB3.0 Signal) | |
| Interface | Front Panel | Button | Start or Restart |
| | | USB | 4*USB-A 2.0 |
| | Back Panel | Power supply | 1*AC Power socket, 1*Jack DC |
| | | Display | 1*VGA/1*HD |
| | | USB | 2*USB-A 3.0, 2*USB-A 2.0 (Options) |
| | | Network | 1*RJ45 LAN or 2*RJ45 LAN (Options) |
| | | Audio | 1*Line Out, 1*Mic In |
| | | Serial port | Up to 6*COM |
| | | GPIO | 1*Set GPIO Phoenix terminals |
| | Cooling Method | Active Cooling, 1*CPU Fan/2*Chassis Fan | |
| | Chassis Size | 435*405*88 (mm) | |
| | System Specifications | Weight | Equipment Weight 6.80 KG; Package Weight 10.10 KG (including accessories) |
| | Power Mode | Input: 100V~240V AC 50/60 Hz, Maximum 150W | |
| Work Environment | Temperature | 0~60℃ | |
| | Humidity | 5%~90% (Relative humidity, no condensation) | |



G26-1264-TI4

Product Features

The G26-1264-TI4 is a compact fanless industrial computer designed for multi-serial communication, industrial control, device management, and edge computing applications. Powered by a low-power Intel N-series processor, it integrates up to 6x DB9 serial ports, flexible networking and USB options, and rich expansion interfaces within a rugged metal chassis. Its passive cooling design ensures reliable, maintenance-free operation, making it ideal for industrial environments that demand high stability, strong EMI resistance, and long-term continuous operation.

Application Scenarios



Data Acquisition Server



Industrial Automation



Communication Gateway



Embedded Systems

| | | | |
|-----------------------|--|--|------------------------------------|
| Processor | Product Collection | Intel Processor N-series | |
| | Sockets Supported | FCBGA1264 | |
| | Memory Type | DDR4 SO-DIMM | |
| Memory specifications | Maximum Capacity | 16GB | |
| | Maximum Frequency | 3200 MHz | |
| | Storage specifications | SATA | 1*SATA 3.0 (6Gb/s) |
| | M.2 | 1*M.2 Key-B+M SSD | |
| Extension interface | mPCIe | 1*mPCIe (PCIe/USB3.0 Signal) | |
| | M.2 | 1*M.2 Key-B 3052 (USB3.0 Signal) | |
| Interface | Front Panel | Power supply | 1*Jack DC |
| | | Display | 1*VGA/1*HD |
| | | USB | 2*USB-A 3.0, 2*USB-A 2.0 (Options) |
| | | Network | 1*RJ45 LAN or 2*RJ45 LAN (Options) |
| | | Audio | 1*Line Out, 1*Mic In |
| | | Serial port | 5*DB9 COM |
| | | Antenna | 1*Groups (Reserve) |
| | Back Panel | Button | Start or Restart |
| | | USB | 4*USB-A 2.0 |
| | | Serial port | 1*DB9 COM |
| Cooling Method | Passive Cooling, Fanless (Need air flow) | | |
| System Specifications | Chassis Size | 235*200*50 (mm) | |
| | Weight | Equipment Weight 2.05 KG; Package Weight 2.85 KG (including accessories) | |
| Power Mode | DC 12V 4A or Higher | | |
| Work Environment | Temperature | 0~60℃ | |
| | Humidity | 5%~90% (Relative humidity, no condensation) | |



G687-1264-TI4

Product Features

The G687-1264-TI4 is a compact fanless industrial computer designed for harsh industrial environments. Powered by a low-power Intel N-series processor, it features a rugged all-metal chassis integrating up to 6x serial ports, flexible networking and USB options, and rich storage and wireless expansion interfaces. With its high connectivity flexibility, silent and reliable operation, and industrial-grade durability, it is an ideal embedded solution for high-reliability data acquisition, distributed device control, and compact automation nodes.

Application Scenarios



Data Acquisition Server



Industrial Automation



Communication Gateway



Embedded Systems

| | | | |
|------------------------|--|--|------------------------------------|
| Processor | Product Collection | Intel Processor N-series | |
| | Sockets Supported | FCBGA1264 | |
| | | | |
| Memory specifications | Memory Type | DDR4 SO-DIMM | |
| | Maximum Capacity | 16GB | |
| | Maximum Frequency | 3200 MHz | |
| Storage specifications | SATA | 1*SATA 3.0 (6Gb/s) | |
| | M.2 | 1*M.2 Key-B+M SSD | |
| Extension interface | mPCIe | 1*mPCIe (PCIe/USB3.0 Signal) | |
| | M.2 | 1*M.2 Key-B 3052 (USB3.0 Signal) | |
| Interface | Front Panel | Power supply | 1*Jack DC |
| | | Display | 1*VGA/1*HD |
| | | USB | 2*USB-A 3.0, 2*USB-A 2.0 (Options) |
| | | Network | 1*RJ45 LAN or 2*RJ45 LAN (Options) |
| | | Audio | 1*Line Out, 1*Mic In |
| | | Serial port | 4*DB9 COM |
| | Back Panel | Antenna | 1*Groups (Reserve) |
| | | Button | Start or Restart |
| | | USB | 4*USB-A 2.0 |
| | | Serial port | 2*DB9 COM or Phoenix terminal |
| Cooling Method | Passive Cooling, Fanless (Need air flow) | | |
| System Specifications | Chassis Size | 235*200*50 (mm) | |
| | Weight | Equipment Weight 2.05 KG; Package Weight 2.85 KG (including accessories) | |
| Power Mode | DC 12V 4A or Higher | | |
| Work Environment | Temperature | 0~60℃ | |
| | Humidity | 5%~90% (Relative humidity, no condensation) | |



TPC-1264-TI4

Product Features

The TPC-1264-TI4 is an industrial-grade touchscreen panel PC that combines high-performance computing and high-definition display in a single, integrated system. Powered by a low-power Intel N-series processor, it supports optional touchscreen displays in multiple sizes and features a standard anti-explosion tempered glass front panel. By integrating the traditional "PC + Monitor" architecture into one rugged unit, it delivers a complete solution for user interaction, data processing, and device connectivity, making it an ideal choice for modern HMI systems, intelligent terminals, and interactive control centers.

Application Scenarios



Security Monitoring



Industrial Automation



Self-Service Terminal



IoT Data Dashboard

| | | | |
|------------------------|--|---|------------------------------------|
| Processor | Product Collection | Intel Processor N-series | |
| | Sockets Supported | FCBGA1264 | |
| | | | |
| Memory specifications | Memory Type | DDR4 SO-DIMM | |
| | Maximum Capacity | 16GB | |
| | Maximum Frequency | 3200 MHz | |
| Screen specifications | Screen size | 10.1/12.1/13.3/15.6/17/18.5/19/21.5/23.6 inches (Options) | |
| | Touch type | Capacitive or Resistive Touch | |
| | Touch points | 10-point touch (Capacitive) /single-point touch (Resistive) | |
| | Refresh rate | 60Hz | |
| | Hardness | Mohs hardness 7 (Explosion-proof Tempered Glass) | |
| Storage specifications | M.2 | 1*M.2 Key-B+M SSD | |
| Extension interface | mPCIe | 1*mPCIe (PCIe/USB3.0 Signal) | |
| | M.2 | 1*M.2 Key-B 3052 (USB3.0 Signal) | |
| Interface | Top Panel | Antenna | 1*Groups (Reserve) |
| | | Serial port | 4*DB9 COM (Reserve) |
| | | Power supply | 1*Jack DC |
| | Bottom Panel | Display | 1*VGA/1*HD |
| | | USB | 2*USB-A 3.0, 2*USB-A 2.0 (Options) |
| | | Network | 1*RJ45 LAN or 2*RJ45 LAN (Options) |
| | | Audio | 1*Line Out, 1*Mic In |
| | | Serial port | 1*DB9 COM (Reserve) |
| | | Button | Start or Restart |
| | | | |
| Cooling Method | Passive Cooling, Fanless (Need air flow) | | |
| System | Chassis Size | 10.1"/280*227*59 (mm); 12.1" | |

| | | |
|------------------|---|---|
| Specifications | | /315*258*59 (mm); 15.6"/378*297*69 |
| | Weight | Equipment Weight 3.65KG~5.35KG |
| | Installation method | Wall-mounted/Embedded |
| Power Mode | Jack DC 12V or 9V~36V terminals (Options) | |
| Work Environment | Temperature | 0~50℃ |
| | Humidity | 5%~90% (Relative humidity, no condensation) |



HTPC-1264-TI4

Product Features

The HTPC-1264-TI4 is a compact computer designed for space-optimized applications, powered by a high-efficiency Intel N-series processor. Featuring an ultra-slim chassis under 5 cm thick and weighing only 1.05 kg, it delivers strong media processing performance with silent, low-noise operation, while maintaining stability and flexible expansion options. It is well suited for industrial control, edge computing, device connectivity, and multimedia control applications.

Application Scenarios



Thin Clients



Self-Service Terminal



Embedded Terminal



IoT Data Dashboard

| | | | |
|------------------------|---------------------------|--|------------------------------------|
| Processor | Product Collection | Intel Processor N-series | |
| | Sockets Supported | FCBGA1264 | |
| Memory specifications | Memory Type | DDR4 SO-DIMM | |
| | Maximum Capacity | 16GB | |
| | Maximum Frequency | 3200 MHz | |
| Storage specifications | SATA | 1*SATA 3.0 (6Gb/s) | |
| | M.2 | 1*M.2 Key-B+M SSD | |
| Extension interface | mPCIe | 1*mPCIe (PCIe/USB3.0 Signal) | |
| | M.2 | 1*M.2 Key-B 3052 (USB3.0 Signal) | |
| Interface | Front Panel | Button | Start or Restart |
| | | USB | 2*USB-A 2.0 |
| | | Audio | 1*Line Out, 1*Mic In |
| | Back Panel | Power supply | 1*Jack DC |
| | | Display | 1*VGA/1*HD |
| | | USB | 2*USB-A 3.0, 2*USB-A 2.0 (Options) |
| | | Network | 1*RJ45 LAN or 2*RJ45 LAN (Options) |
| | | Audio | 1*Line Out, 1*Mic In |
| | | Serial port | 2*COM (Reserve) |
| | | Antenna | 1*Groups (Reserve) |
| | | | |
| Cooling Method | Active Cooling, 1*CPU Fan | | |
| System Specifications | Chassis Size | 197*195*46 (mm) | |
| | Weight | Equipment Weight 1.05 KG; Package Weight 1.55 KG (including accessories) | |
| Power Mode | DC 12V 4A or Higher | | |
| Work Environment | Temperature | 0~60℃ | |
| | Humidity | 5%~90% (Relative humidity, no condensation) | |