



1493NP-20 -6LAN

Product Features

The 1493NP-20-6LAN-MB is an industrial-grade embedded motherboard based on the Intel Celeron J series processor, designed for multi-port network applications, industrial communication, and edge computing scenarios. The motherboard integrates 6x 2.5GbE high-speed Ethernet ports, supports various display modes and rich expansion interfaces, achieving a good balance between performance, stability, and flexibility, making it suitable for long-term stable operation in industrial environments.

Application Scenarios



Cybersecurity



Edge Computing



Industrial Automation



Digital Signage

| | | |
|------------------------|--------------------|---|
| Processor | Product Collection | Intel Celeron Processor J Series |
| | Sockets Supported | FCBGA1493 |
| Memory specifications | Memory Type | DDR4 SO-DIMM |
| | Maximum Capacity | 2x 16GB |
| | Maximum Frequency | 3200 MHz |
| Storage specifications | SATA | 1*SATA 6Gb/s |
| | mSATA | 1*mSATA (SATA signal) |
| Network features | Ethernet | 6*2.5GbE |
| | Controller | 6*Intel I226V |
| Extension interface | M.2 | 1*M.2 Key-B 3052 (USB3.0 signal or SATA signal) |
| | mPCIe | 1*mPCIe (PCIe/USB2.0 signal) |
| | PCIe | 1*PCIe x1 (Non-Standard) |
| Display functions | Pins | 1*VGA/1*HDMI/1*eDP or LVDS |
| | Chip | Intel UHD Graphics |
| Backplane I/O | USB | 1*USB-A 3.0, 1*USB-A 2.0 |
| | Console | 1*RJ45 COM |
| | Ethernet | 6*RJ45 |
| Onboard I/O | Button | 1*Power button, 1*Reset button |
| | Power supply | 1*Jack DC 5.5/2.5mm |
| | SATA | 1*SATA Data connector, 1*SATA Power socket |

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|-------------------|---------------|---|
| | Display | 1*J_VGA/1*J_HDMI/1*J_eDP or J_LVDS |
| | SIM | 1*SIM Card slots |
| | Fan | 1*CPU_FAN, 2*SYS_FAN |
| | | 1*F_PANEL |
| | | 1*J_COM |
| | | 2*F_USB 2.0 (can expand 4x USB2.0 ports) |
| | Pins | 1*J_GPIO |
| | | 1*BKCL |
| | | 1*INCN |
| | | 1*J_P/S 2 |
| Power supply mode | Power | 1*ATX 12V 4-pin Connector or 1*Jack DC 12V |
| Motherboard size | Specification | 180*200 (mm) |
| Work Environment | Temperature | 0~60℃ (Operating); -20℃~75℃ (Storage) |
| | Humidity | 0%~95% (Relative humidity, no condensation) |



OTS-1493NP -6L

Product Features

The OTS-1493NP-6L is a high-performance, ultra-slim embedded industrial computer powered by an Intel Celeron J-series processor. Within its extremely compact chassis, it integrates 6x 2.5GbE Ethernet ports on the front panel and features an efficient active cooling design. With its exceptional network port density, compact structure, and reliable industrial-grade design, it is an ideal solution for network appliances, industrial control gateways, and edge computing applications in space-constrained environments.

Application Scenarios



Cybersecurity



Branch Network Nodes



Industrial Automation



Lightweight Server

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|------------------------|--------------------|--|-------------|
| Processor | Product Collection | Intel Celeron Processor J Series | |
| | Sockets Supported | FCBGA1493 | |
| | Memory Type | DDR4 SO-DIMM | |
| Memory specifications | Maximum Capacity | 2x 16GB | |
| | Maximum Frequency | 3200 MHz | |
| Storage specifications | SATA | 1*SATA 6Gb/s | |
| | mSATA | 1*mSATA | |
| Interface | Front Panel | Ethernet | 6*RJ45 LAN |
| | | USB | 2*USB-A 3.0 |
| | Console | 1*RJ45 COM | |
| | Display | 1*VGA/1*HD (Reserve) | |
| | | Back Panel | Antenna |
| | Power supply | 1*Jack DC 5.5/2.5mm | |
| Extension interface | M.2 | 1*M.2 Key-B 3052 | |
| | mPCIe | 1*mPCIe | |
| Cooling Method | Active Cooling | 1*CPU Fan | |
| System Specifications | Chassis Size | 210*200*45 (mm) | |
| | Weight | Equipment Weight 1.25 KG; Package Weight 1.65 KG (including accessories) | |
| Power Mode | DC | 12V 4A or Higher | |
| Work Environment | Temperature | 0~50℃ | |
| | Humidity | 5%~90% (Relative humidity, no condensation) | |

1U-1493NP -6L



Product Features

The 1U-1493NP-6L is a rackmount industrial computer designed for modern, network-intensive enterprise applications. Built on the Intel Celeron J-series platform, it integrates 6x 2.5GbE Ethernet ports within a compact 1U chassis, along with dual expansion slots and a three-fan cooling system. Combining high network density, flexible expandability, and reliable thermal performance, it is an ideal solution for data center edge nodes, enterprise network gateways, and lightweight application servers.

Application Scenarios



Cybersecurity



Branch Network Nodes



Industrial Automation



Lightweight Server

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|------------------------|--|--|-------------|
| Processor | Product Collection | Intel Celeron Processor J Series | |
| | Sockets Supported | FCBGA1493 | |
| | Memory Type | DDR4 SO-DIMM | |
| Memory specifications | Maximum Capacity | 2x 16GB | |
| | Maximum Frequency | 3200 MHz | |
| Storage specifications | SATA | 1*SATA 6Gb/s | |
| | mSATA | 1*mSATA | |
| Interface | Front Panel | Ethernet | 6*RJ45 LAN |
| | | USB | 2*USB-A 3.0 |
| | Console | 1*RJ45 COM | |
| | Display | 1*VGA/1*HD (Reserve) | |
| | | Back Panel | Antenna |
| | Power | 1*AC power socket | |
| Extension interface | M.2 | 1*M.2 Key-B 3052 | |
| | mPCIe | 1*mPCIe | |
| Cooling Method | Active Cooling, 1*CPU Fan/2*Chassis Fan | | |
| System Specifications | Chassis Size | 440*255*45 (mm) | |
| | Weight | Equipment Weight 3.80 KG; Package Weight 4.50 KG (including accessories) | |
| Power Mode | Input: 85V~264V AC 47~63 Hz, Output: DC 12V 6A | | |
| Work Environment | Temperature | 0~50°C | |
| | Humidity | 5%~90% (Relative humidity, no condensation) | |



1U- DPS-1493NP -6L

Product Features

The 1U-DPS-1493NP-6L is a high-availability 1U rackmount server designed for mission-critical and enterprise core network applications. Powered by an Intel Celeron J-series processor, it integrates 6x 2.5GbE Ethernet ports to support high-density connectivity and features a modular dual power supply redundancy design to ensure uninterrupted operation. With its exceptional reliability, professional thermal architecture, and flexible expansion capabilities, it provides a solid foundation for network cores, security gateways, and edge computing nodes in financial, telecommunications, and data center environments.

Application Scenarios



Cybersecurity



Branch Network Nodes



Industrial Automation



Lightweight Server

| | | | | |
|------------------------|---|--|----------------------|--|
| Processor | Product Collection | Intel Celeron Processor J Series | | |
| | Sockets Supported | FCBGA1493 | | |
| | Memory Type | DDR4 SO-DIMM | | |
| Memory specifications | Maximum Capacity | 2x 16GB | | |
| | Maximum Frequency | 3200 MHz | | |
| Storage specifications | SATA | 1*SATA 6Gb/s | | |
| | mSATA | 1*mSATA | | |
| Interface | Front Panel | Ethernet | 6*RJ45 LAN | |
| | | USB | 2*USB-A 3.0 | |
| | Back Panel | Console | 1*RJ45 COM | |
| | | Display | 1*VGA/1*HD (Reserve) | |
| | | Antenna | 2 Groups (Reserve) | |
| | | Power | 2*AC power socket | |
| Extension interface | M.2 | 1*M.2 Key-B 3052 | | |
| | mPCIe | 1*mPCIe | | |
| Cooling Method | Active Cooling, 1*CPU Fan/2*Chassis Fan | | | |
| System Specifications | Chassis Size | 440*410*45 (mm) | | |
| | Weight | Equipment Weight 4.85 KG; Package Weight 6.50 KG (including accessories) | | |
| Power Mode | Modular Dual power supply, Input: 100V~240V AC 50/60Hz, Output: 75W MAX | | | |
| Work Environment | Temperature | 0~50°C | | |
| | Humidity | 5%~90% (Relative humidity, no condensation) | | |