

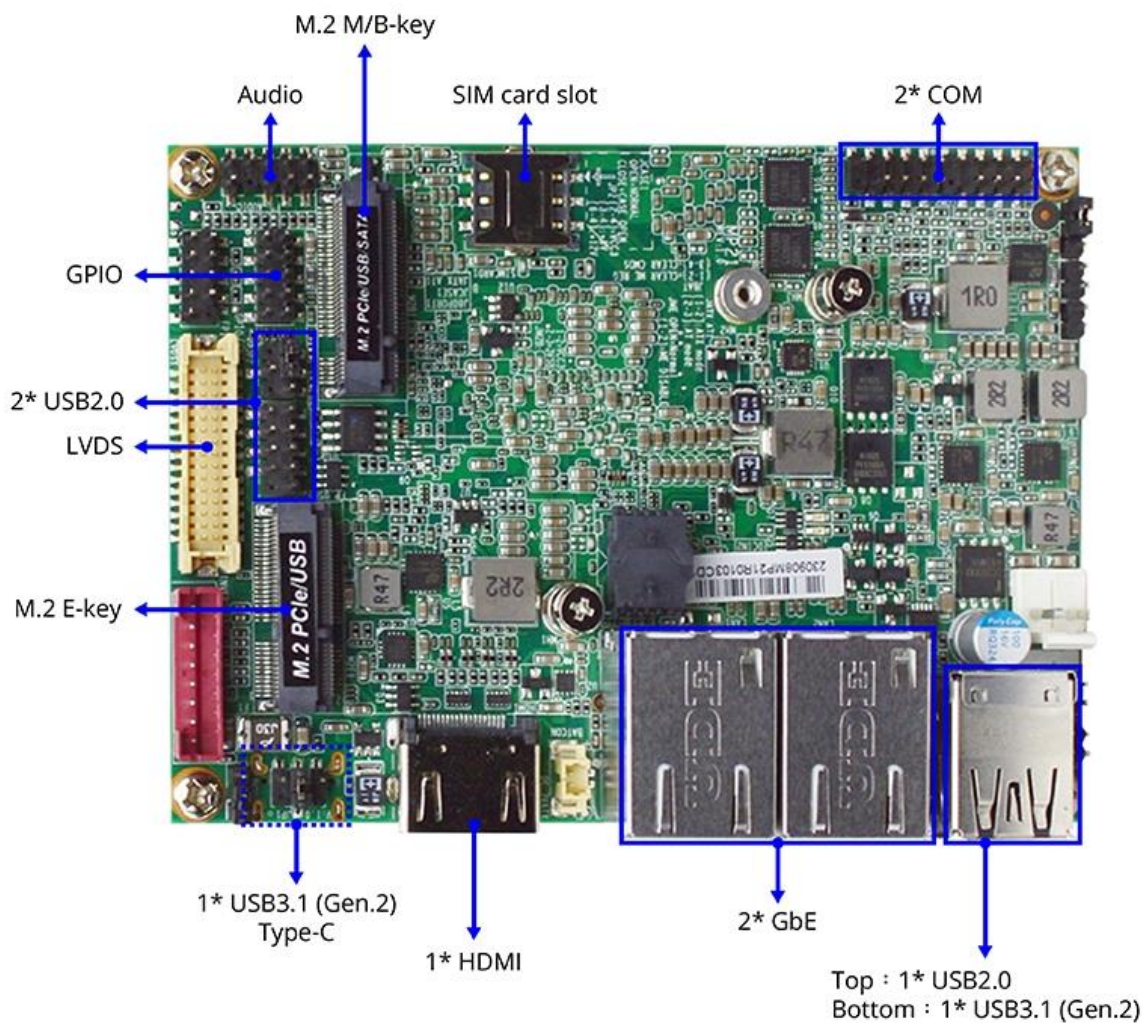
MP21

Pico-ITX N6210 Industrial Motherboard 4GB/8GB MEM / 2 LAN / HDMI+LVDS/eDP / 12V



Features

1. Industrial Embedded Motherboard with Planned Lifecycle Through Q1'2036
2. Intel Celeron N6210 Dual-Core, Elkhart Lake Platform
3. Onboard 4GB or 8GB LPDDR4x Memory
4. 2 *Realtek Gigabit LAN
5. Up to 2 Displays, HDMI + LVDS/eDP, HD Audio Header
6. M.2 B-key supporting B+M-key SATA/PCIe 3.0 x1/Cellular *if using Cellular card, then must use 64GB EMMC for OS
7. M.2 for WIFI, 2 * RS232/422/485 Headers
8. 2 * USB 3.2 Gen2, 3 * USB 2.0, 8bit GPIO
9. Watchdog Timer, AT/ATX Power Mode
10. 12V DC-in Locking Jack or 2-pin Internal Power Connector
11. Compatible with Windows 10/11 64bit, UEFI Linux
12. Pico-ITX Form Factor (100mm x 72mm)



Model / Series	<ul style="list-style-type: none"> ■ MP21
Part No	<ul style="list-style-type: none"> ■ MP21-62100 (4GB MEM) ■ MP21-62104 (4GB MEM, 64GB EMMC) ■ MP21-621080 (8GB MEM) ■ MP21-621084 (8GB MEM, 64GB EMMC)
Processor	<ul style="list-style-type: none"> ■ Intel Celeron N6210 Dual-Core, Elkhart Lake Platform ■ * Ships with flat aluminum heatsink for direct attaching to a surface
Chipset	<ul style="list-style-type: none"> ■ SoC
Video	<ul style="list-style-type: none"> ■ Intel UHD Graphics
Memory	<ul style="list-style-type: none"> ■ Onboard 4GB or 8GB LPDDR4x memory (non-expandable)
Expansion Slots	<ul style="list-style-type: none"> ■ M.2 E-key 2230 (USB2/PCIE)
Storage	<ul style="list-style-type: none"> ■ M.2 B-key 2242/3042/3052 supporting SATA or PCIE 3.0 x1 SSD or a Cellular Card *If using Cellular card, then must use MP21-62104 model with 64GB EMMC for the OS ■ Optional 64GB EMMC
Audio	<ul style="list-style-type: none"> ■ HD Audio header and over HDMI
Network	<ul style="list-style-type: none"> ■ 2 * Realtek RTL8119I Gigabit LAN
Other Features	<ul style="list-style-type: none"> ■ Support AHCI, ACPI S3, Watchdog Timer 10-255 min/sec.
Rear Panel I/O	<ul style="list-style-type: none"> ■ 1 * USB 3.2 Gen2 ports Type-A ■ 1 * USB 3.2 Gen2 ports Type-C ■ 1 * USB 2.0 port Type-A ■ 2 * RJ-45 LAN ports ■ HDMI 2.0b 4K @60Hz
Internal I/O	<ul style="list-style-type: none"> ■ 1 * USB header for 2 * USB 2.0 ports, LVDS/eDP 4K @60Hz (select 1) ■ 8bit GPIO, AT/ATX power switch mode ■ 2-pin 12V internal power connector
BIOS	<ul style="list-style-type: none"> ■ AMI UEFI Flash ROM with Intel PTT TPM2 emulation
Box Contents	<ul style="list-style-type: none"> ■ MP21 Motherboard, 2-pin DC-in cable with locking jack
Certification	<ul style="list-style-type: none"> ■ CE, FCC, RoHS, ErP/EuP, REACH
Temperature	<ul style="list-style-type: none"> ■ Operating Temperature -20°C - 60°C ■ Storage Temperature -20°C - 85°C
Form Factor	<ul style="list-style-type: none"> ■ Pico-ITX Form Factor (100mm x 72mm)
Warranty	<ul style="list-style-type: none"> ■ 2 Years Limited Warranty

*Specifications subject to change without notice, not responsible for typographical errors. Overclocking not supported.



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