



MP01 – Pico-ITX Industrial Motherboard with Intel® Celeron N6210 Processor

The MP01 is an industrial motherboard in the Pico-ITX form factor, making it an excellent solution where performance is paramount without a large footprint. The MP01 also has many options for expansion with its extensive I/O, allowing for flexibility in different industries and applications.

SPECIFICATIONS

CPU	Intel® Celeron N6210 (1.5M Cache, up to 2.60GHz); 6.5W
Memory Type	260-pin DDR4 3200MHz SO-DIMM
Memory Slots	1
Maximum Memory Supported	32GB
Chipset	Integrated in SoC
Integrated Graphics	Intel® UHD Graphics
Watchdog Timer	10 ~ 255 min/sec
Video	1 x HDMI 2.0b 4K @ 60Hz, 1 x eDP 4K @ 60Hz
LAN Ports	2 x Realtek RTL8119I GbE
Storage	1 x M.2 M-key SATA/PCIE 3.0 x2 NVMe 2242, Optional eMMC Embedded Storage
GPIO Interface	1 x 8-bit GPIO Header
TPM	Intel fTPM 2.0 (PTT)

Rear I/O	2 x USB 3.2 Gen2 Type-A, 1 x USB 3.2 Gen2 Type-C, 2 x LAN, 1 x HDMI
Internal I/O	2 x USB 2.0, 1 x eDP, 1 x GPIO
Audio	Realtek HD Audio
Power Requirement	12V DC Input 2-pin Header
Dimensions	3.94" x 2.83" (100mm x 72mm)
Operating Temperature	32 ~ 140°F (0 ~ 60°C)
Storage Temperature	-4 ~ 185°F (-20 ~ 85°C)
Relative Humidity	10 ~ 90% @ 40°C (non-condensing)
OS Software Supported	Windows 10 64-bit, Windows 10 IoT Enterprise 64-bit, Windows 11 64-bit, CentOS 9, Debian 11.3, Fedora 36-1.5, OpenSUSE 15.4, FreeBSD 13.1, OPNSense 22.1.2, pfSense 2.6.0, Ubuntu 22.04
Global P/N / SKU	2809170

Ordering Options

MP01-62100 (SKU# 2809170A): Pico-ITX Board with Intel® Celeron N6210 Processor
MP01-62103 (SKU# 2809170B): Pico-ITX Board with Intel® Celeron N6210 Processor and 32GB eMMC Embedded Storage
MP01-62104 (SKU# 2809170C): Pico-ITX Board with Intel® Celeron N6210 Processor and 64GB eMMC Embedded Storage