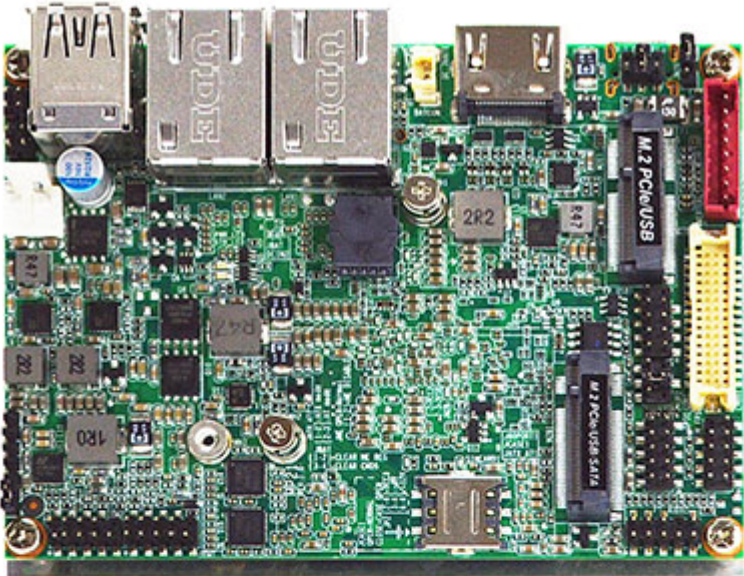
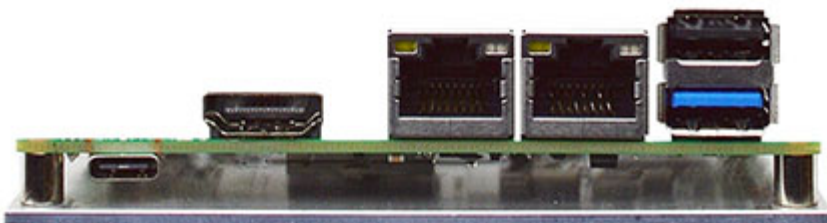
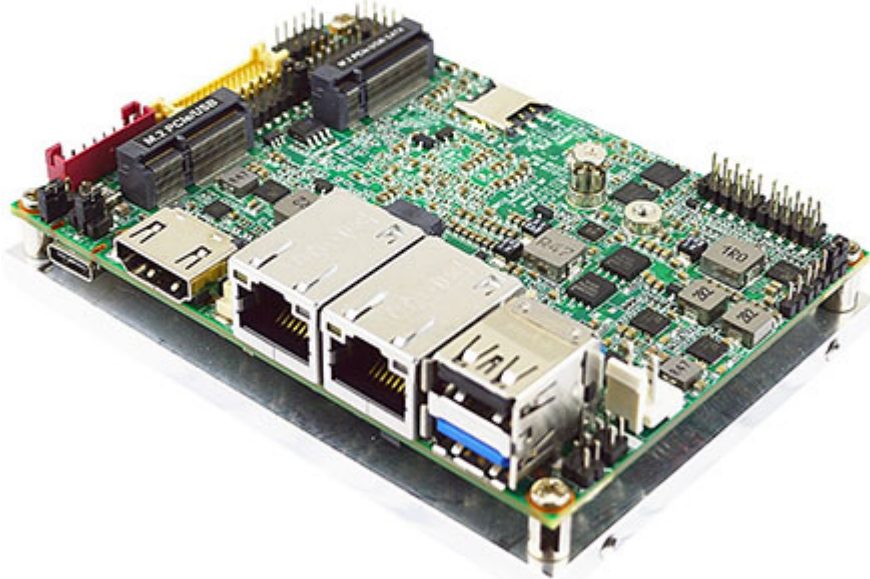




339.00 EUR

incl. 19% VAT, plus [shipping](#)

- Intel Elkhart Lake Celeron N !
- 1x HDMI !
- 2x LAN !
- Pico-ITX (100 x 72mm) !



- Intel® Elkhart Lake Celeron® N Series SoC Processor
- Long-Life Embedded Class with Planned Lifecycle Through Q1'2036
- Onboard 4GB LPDDR4-3200
- 2 \* Realtek RTL8119I 1GbE
- Supports Dual Display, HDMI + LVDS/eDP
- Supports Cellular when using 64GB EMMC
- 12V Power-In & ECO-design for EuP/ErP

|             |                                             |
|-------------|---------------------------------------------|
| Model       | MP21-62100<br>MP21-62104 <b>(64GB eMMC)</b> |
| Form Factor | Pico-ITX (100 x 72mm)                       |

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor System              | Intel® Celeron N6210, 1.20GHz – 2.60GHz Burst, 2-Core 2-Thread, 6.5W TDP<br>* Ships with flat silver aluminum heatsink for direct attach                                                                                                                                                                                                                                                                                                                                                                                    |
| Memory                        | Onboard 4GB LPDDR4-3200, non-expandable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Graphics                      | Intel® UHD Graphics for 10th Gen Intel® Processors                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Ethernet                      | 2 x Realtek RTL8119I 1GbE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Audio                         | Realtek ALC897 HD Audio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Storage                       | 1 x M.2 (SATA/PCIe 3.0 x1/USB3.1, B+M-key 2242)<br>Onboard 64GB eMMC                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Super IO</b>               | FINTEK F81966                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>TPM</b>                    | Intel fTPM 2.0 (PTT)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Back Panel Connectors</b>  | 1 USB 3.2 Gen 2 Type-C (10 Gb/s)<br>1 HDMI 2.0b (4096 * 2160 @ 60Hz)<br>2 RJ45 LAN (10/100/1000)<br>1 USB 3.2 Gen 2 (10 Gb/s)<br>1 USB 2.0                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Onboard I/O Connectors</b> | 1 M.2 B+M-key 2242/3042/3052 (SATA/PCIe 3.0 x1/USB3.1) *Cellular card usable only on MP21-62104 model<br>1 M.2 E-key, 2230 (PCIe 3.0 x1/USB 2.0 for WiFi)<br>2 Serial Headers (2 * RS232/422/485)<br>1 USB Pin Headers for 2 additional USB 2.0 Ports<br>1 24-bits Dual Channel LVDS (1080p @ 60Hz) or eDP (4K @ 60Hz)<br>1 Nano SIM Socket<br>1 8 bit GPIO Header<br>1 9-pin Front Audio Header<br>1 AT/ATX Mode Jumper<br>1 Chassis Intrusion Jumper<br>1 2-pin +12V Power-In (Mating plug: JST VHR-2N or TE 1-1123722-2) |
| <b>Power Supply</b>           | <b>Internal Power Supply</b> – the board can be powered via the internal +12V 2-pin power connector, where pin 1 is +12V and pin 2 is GND. The internal 2-pin power connector accepts a JST VHR-2N or TE 1-1123722-2 connector from the power supply. A 12V DC-in 5.5/2.5mm barrel jack cable included.                                                                                                                                                                                                                     |
| <b>Environment</b>            | Operating Temperature : -20 ~ 60°C<br>Storage Temperature : -20 ~ 85°C<br>Humidity: 10% ~ 90% RH @40°C (non-condensing)                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>OS Support</b>             | – Windows 10 64bit, Windows 10 IoT 64bit, Windows 11, Windows 11, IoT Enterprise 64bit, Linux (CentOS 9, Debian 11.3, Fedora 36-1.5, FreeBSD 13.1, OPNsense 22.1.2, pfSense 2.6.0, Ubuntu 22.04)                                                                                                                                                                                                                                                                                                                            |