

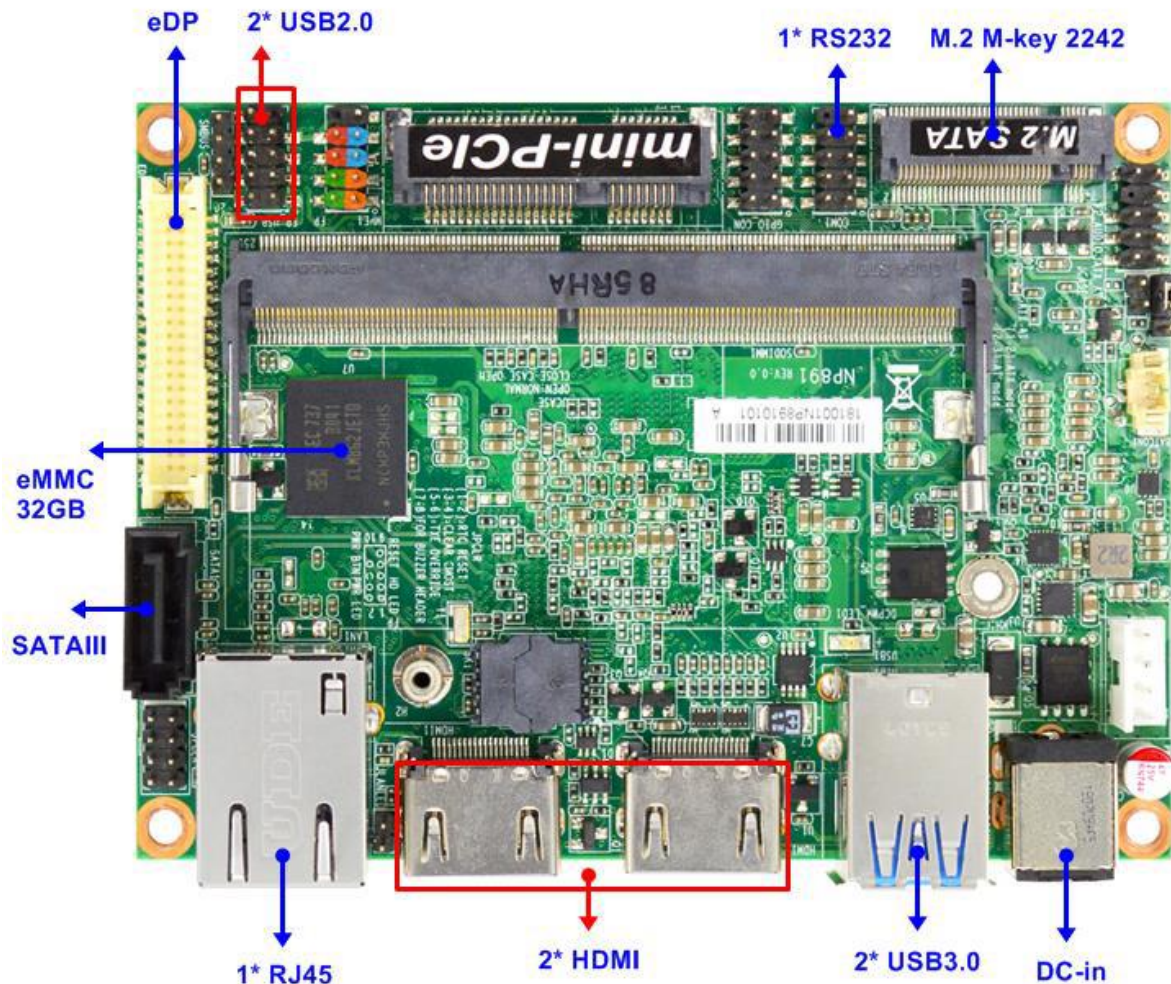
# NP891

## Gemini Lake Pico-ITX Industrial Motherboard 1 LAN / 2 HDMI 4k@60 / eDP / M.2 SATA / 12V



### Features

1. Gemini Lake is a Non-embedded Platform with no Longevity Guarantee
2. Fanless Intel Celeron J4125 Quad-core SoC
3. Supports DDR4-2400 up to 8GB Total
4. Triple Display: 2 \* HDMI + eDP 4K @60Hz
5. 1 \* Gigabit LAN, HDMI Audio or Audio Header
6. 1 \* SATA3 6Gb/s Port, 1 \* M.2 SATA M-key 2242 Only
7. 1 \* Full-size mini-PCIE Slot with Micro SIM Slot
8. 2 \* USB 3.0 Ports, Header for 2 \* USB 2.0 Ports
9. 1 \* Serial Header (RS232)
10. Watchdog Timer, AT/ATX Power Switch Mode
11. SMBUS Header, 12V DC-in
12. Compatible with Windows 10 64bit, Linux\*
13. Pico-ITX Form Factor (100mm x 72mm)



<b>Model / Series</b>	<ul style="list-style-type: none"> <li>NP891</li> </ul>
<b>Part No</b>	<ul style="list-style-type: none"> <li>JNP891-4105, JNP891-4125</li> <li>JNP891G32-4105 (with 32GB eMMC), JNP891G32-4125 (with 32GB eMMC)</li> </ul>
<b>Processor</b>	<ul style="list-style-type: none"> <li>Intel Celeron J4105 Quad-core SoC, 10W / Intel Celeron J4125 Quad-core SoC, 10W</li> <li>*Ships with flat silver heatsink for direct attaching to a surface</li> </ul>
<b>Chipset</b>	<ul style="list-style-type: none"> <li>None</li> </ul>
<b>Video</b>	<ul style="list-style-type: none"> <li>Intel HD Graphics</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>1 * 260-pin SO-DIMM slot supporting DDR4-2400 up to 8GB total</li> </ul>
<b>Expansion Slots</b>	<ul style="list-style-type: none"> <li>1 * Full-size Mini-PCI Express slot, External micro SIM slot</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>1 * SATA3 6Gb/s port</li> <li>1 * M.2 slot (M-key, SATA interface, 2242 only)</li> <li>Optional 32GB eMMC</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>Intel HDMI Display Audio, Realtek ALC662 Audio header</li> </ul>
<b>Network</b>	<ul style="list-style-type: none"> <li>1 * Realtek RTL8111H Gigabit LAN</li> </ul>
<b>Other Features</b>	<ul style="list-style-type: none"> <li>Support AHCI, ACPI S3, Watchdog Timer 10-255 min/sec</li> </ul>
<b>Rear Panel I/O</b>	<ul style="list-style-type: none"> <li>2 * USB 3.0 ports</li> <li>2 * HDMI (4096 x 2160 @60Hz)</li> <li>1 * RJ-45 LAN</li> <li>Micro SIM slot</li> <li>+12V DC-in jack (1-pin 2.5mm ID/5.5mm OD)</li> </ul>
<b>Internal I/O</b>	<ul style="list-style-type: none"> <li>1 * USB header for 2 * USB 2.0 ports (2.0 mm pitch)</li> <li>eDP &amp; Inverter, AT/ATX power switch mode, 8-bit GPIO header, SMBUS header</li> <li>Audio header, 1 * Serial port header (RS232) (2.00 mm pitch)</li> </ul>
<b>BIOS</b>	<ul style="list-style-type: none"> <li>AMI Flash ROM</li> </ul>
<b>Box Contents</b>	<ul style="list-style-type: none"> <li>Motherboard, SATA cable, SATA power cable</li> </ul>
<b>Certification</b>	<ul style="list-style-type: none"> <li>CE, FCC, LVD, RoHS, ErP/EuP, REACH</li> </ul>
<b>Temperature</b>	<ul style="list-style-type: none"> <li>Operating Temperature 0~40 ° C, Storage Temperature -20-85 ° C</li> </ul>
<b>Form Factor</b>	<ul style="list-style-type: none"> <li>Pico-ITX Form Factor (100mm x 72mm)</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>2 Years Limited Warranty</li> </ul>

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



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