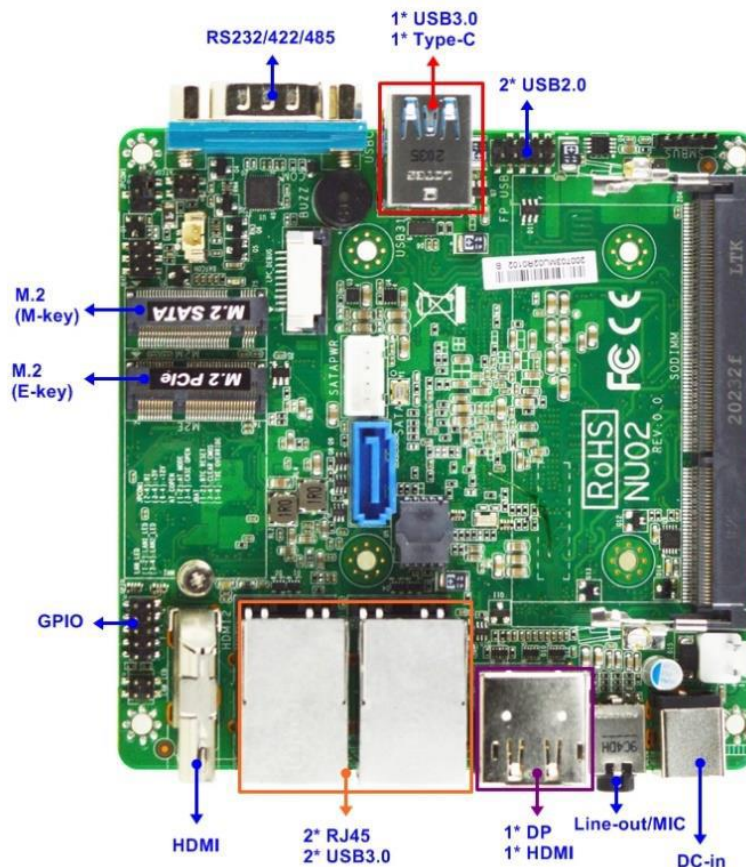


# MU02

## NUC Industrial Motherboard / Celeron J3455 2\*HDMI/DP / 2\*2.5GbE / USB Type-C / 12V

### Features

1. Long-Life Embedded Industrial Motherboard with Planned Lifecycle Through Q3'2031, CPU Mounted on Bottom of Motherboard for Easy Integration into Fanless Systems
2. Intel Celeron J3455 SoC Processor, Quad-Core, 1.5GHz
3. Supports up to 3 Displays, 2\*HDMI, DisplayPort 4K @60Hz
4. Supports DDR3L-1866 SODIMM up to 8GB Total
5. Onboard 32GB eMMC
6. 1 \* SATA3 6Gb/s Port, M.2 SATA, M.2 2230 (WIFI)
7. 2 \* Realtek RTL8125 2.5GbE LAN, HD Audio, 1 \* Serial
8. 3 \* USB 3.2 Gen1, 1 \* USB 3.2 Gen1 Type-C, SMBUS Header
9. Watchdog Timer, GPIO, AT/ATX Power Switch Mode
10. 12V DC-in or Alternate 2-pin Internal Power Connector
11. NUC Form Factor (101mm x 101mm)



<b>Model / Series</b>	<ul style="list-style-type: none"> <li>■ MU02</li> </ul>
<b>Part No</b>	<ul style="list-style-type: none"> <li>■ MU02-03 (no TPM), MU02-07 (TPM 2.0)</li> </ul>
<b>Processor</b>	<ul style="list-style-type: none"> <li>■ Intel Celeron J3455 SoC, 1.5GHz - 2.3GHz burst, Quad-Core, 10W TDP</li> <li>■ *No CPU Heatsink</li> </ul>
<b>Chipset</b>	<ul style="list-style-type: none"> <li>■ SoC</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 * DDR3L-1866 SODIMM slot, up to 8GB total</li> </ul>
<b>Expansion Slots</b>	<ul style="list-style-type: none"> <li>■ M.2 E-key 2230 (for WIFI)</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>■ Onboard 32GB eMMC</li> <li>■ 1 * SATA3 6Gb/s port</li> <li>■ M.2 SATA M-key 2242 length</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>■ Realtek ALC662 HD Audio</li> </ul>
<b>Network</b>	<ul style="list-style-type: none"> <li>■ 2 * Realtek RTL8125 2.5GbE Gigabit LAN</li> </ul>
<b>Other Features</b>	<ul style="list-style-type: none"> <li>■ Support ACPI S3, AHCI, CPU Smart FAN, Watchdog Timer 10-255 min/sec, Optional TPM 2.0</li> </ul>
<b>Rear Panel I/O</b>	<ul style="list-style-type: none"> <li>■ 2 * USB 3.2 Gen1 ports</li> <li>■ 2 * RJ-45 ports</li> <li>■ 2 * HDMI</li> <li>■ 1 * DisplayPort 4K @60Hz</li> <li>■ Line-out/Mic combo jack</li> <li>■ 12V DC-in jack (1-pin 2.5mm ID / 5.5mm OD)</li> </ul>
<b>Front Panel I/O</b>	<ul style="list-style-type: none"> <li>■ 1 * Serial port (RS232/422/485)</li> <li>■ 1 * USB 3.2 Gen1 port, 1 * USB 3.2 Gen1 Type-C ports</li> </ul>
<b>Internal I/O</b>	<ul style="list-style-type: none"> <li>■ 1 * USB header for 2 * USB 2.0 ports</li> <li>■ AT/ATX Power switch mode, 8bit GPIO, SMBUS header</li> <li>■ Alternate 2-pin internal power connector</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>■ MU02 Motherboard</li> </ul>
<b>Certifications</b>	<ul style="list-style-type: none"> <li>■ CE, FCC, RoHS, ErP</li> </ul>
<b>Temperature</b>	<ul style="list-style-type: none"> <li>■ Operating Temperature 0~60 ° C, Storage Temperature -40-85 ° C</li> </ul>
<b>Form Factor</b>	<ul style="list-style-type: none"> <li>■ NUC Form Factor (101mm x 101mm)</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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