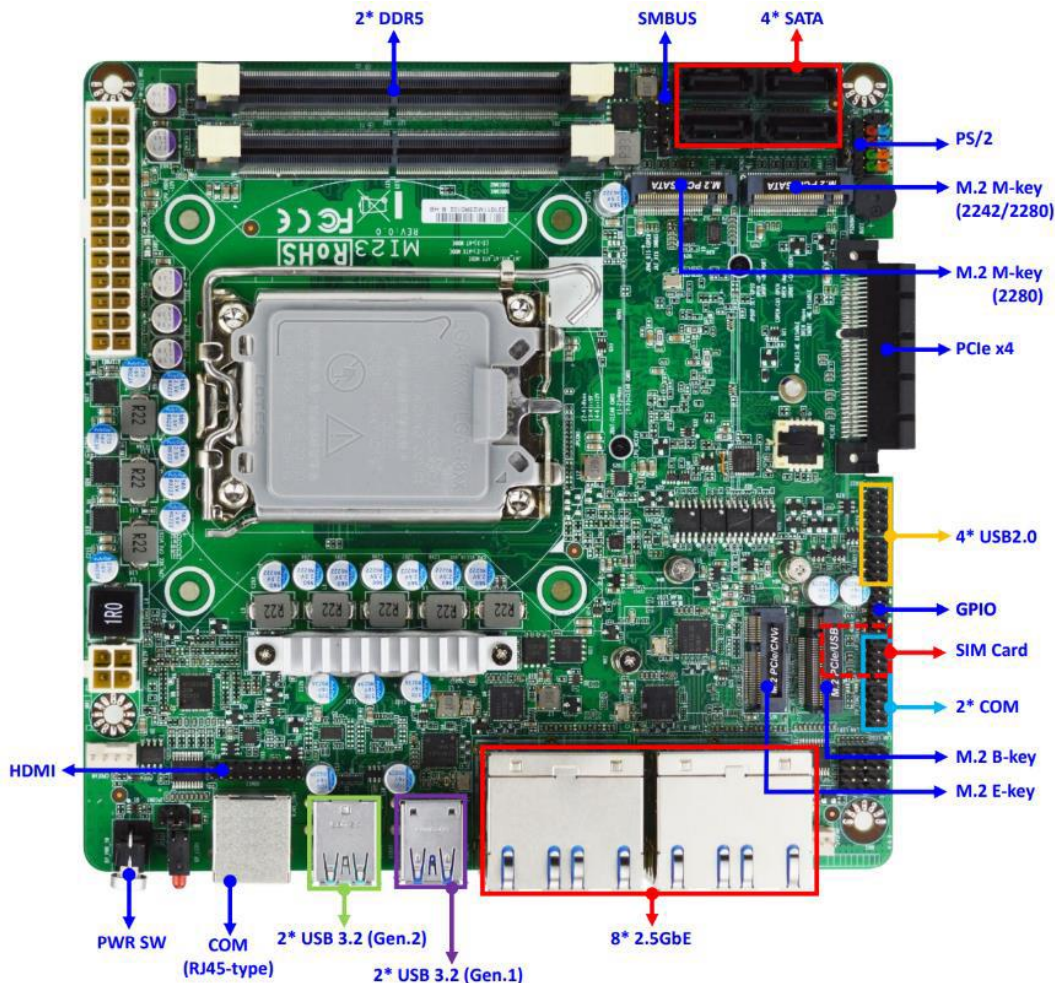


# MI23

## MITX 12/13/14<sup>th</sup> Gen Industrial Network Motherboard H610 / 6 \* 2.5GBE / 3 \* M.2 Slots

### Features

1. Long-Life Embedded Class Industrial Motherboard with Planned Lifecycle Through Q1'2037
2. Supports 12/13/14<sup>th</sup> Gen Intel Processors up to 65W, Alder Lake, Raptor Lake, Raptor Lake Refresh
3. Supports DDR5-5600 up to up to 64GB Total
4. 6 \* Intel 2.5GBE
5. 4 \* SATA3, 1 \* M.2 SATA
6. M.2 2230 for WIFI, M.2 3042 with SIM slot for Cellular
7. 3 \* USB 3.2, 5 \* USB 2.0, Audio over HDMI
8. 3 \* Serial ports, HDMI Header with Cable
9. Watchdog Timer, 8bit GPIO, TPM2 IC Optional
10. Compatible with Windows 10/11 64bit, Latest Linux
11. Mini-ITX Form Factor (170mm x 170mm)



<b>Model / Series</b>	<ul style="list-style-type: none"> <li>MI23</li> </ul>
<b>Part No</b>	<ul style="list-style-type: none"> <li>MI23-H6100</li> <li>MI23-H6100 (TPM2)</li> </ul>
<b>Processor</b>	<ul style="list-style-type: none"> <li>Socket LGA1700, Supports 12/13/14<sup>th</sup> Gen Intel processors up to 65W, Alder Lake, Raptor Lake, Raptor Lake Refresh</li> </ul>
<b>Chipset</b>	<ul style="list-style-type: none"> <li>Intel H610</li> </ul>
<b>Video</b>	<ul style="list-style-type: none"> <li>Intel UHD Graphics</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>2 * DDR5-5600 SODIMM Non-ECC up to 64GB total</li> <li>*12th Gen CPU supports DDR5-4800</li> </ul>
<b>Expansion Slots</b>	<ul style="list-style-type: none"> <li>M.2 E-key 2230 (USB2/PCIE)</li> <li>M.2 B-key 3042 with SIM slot for Cellular (USB3/USB2/PCIE)</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>4 * SATA3 6Gb/s ports</li> <li>M.2 M-key 2280 SATA</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>Intel audio over HDMI</li> </ul>
<b>Network</b>	<ul style="list-style-type: none"> <li>1 * Intel i225/i226-LM 2.5GbE</li> <li>5 * Intel i225/i226-V 2.5GbE</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, TPM2 Optional</li> </ul>
<b>Rear Panel I/O</b>	<ul style="list-style-type: none"> <li>2 * USB 3.2 Gen2 (10Gb/s), 2 * USB 3.2 Gen1 (5Gb/s)</li> <li>1 * RJ45 RS232 port, 6 * RJ45 LAN ports</li> <li>Power button &amp; LEDs</li> </ul>
<b>Internal I/O</b>	<ul style="list-style-type: none"> <li>2 * USB headers for 4 * USB 2.0 ports</li> <li>2 * Serial headers (RS232)</li> <li>AT/ATX mode, SMBUS, 8bit GPIO, Chassis Intrusion header, PS/2 combo header</li> <li>24-pin ATX + 4-pin 12V power connector</li> </ul>
<b>BIOS</b>	<ul style="list-style-type: none"> <li>AMI UEFI Flash ROM with Intel PTT (TPM2 emulation)</li> </ul>
<b>Box Contents</b>	<ul style="list-style-type: none"> <li>Motherboard, I/O Shield, SATA cable, COM cable, HDMI cable</li> </ul>
<b>Certification</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</li> <li>Storage Temperature -20 - 85° C</li> </ul>
<b>Form Factor</b>	<ul style="list-style-type: none"> <li>Mini-ITX Form Factor (170mm x 170mm)</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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