

Model: MTX-B85  
Industrial Micro ATX main Board, Intel® B85 Chipset



### Main Feature:

- Support Intel® 4<sup>th</sup> Gen. Core™ i3, i5, i7 & Pentium Processors
- Intel® B85 Express Chipset
- Support 4 \* 240 pin 1066/1333/1600 DDRIII SDRAM DIMM Max. up to 32GB
- 2 x Intel i211 Gigabit LAN , Support “Wake on LAN”
- 6 x Serial port, 10 x USB 2.0/3.0
- 1 x PCIE X16, 1 x PCIE X4, 2 x PCI Slots

Specification	
Item	Description
Form Factor	Micro ATX
Processor	Support LGA1150 Intel® 4 <sup>th</sup> generation Core™ i3/i5/i7
System Memory	Support 4 * 240 pin 1066/1333/1600 DDRIII SDRAM DIMM Max. up to 32GB
Chipset	Intel® B85
Ethernet	2 x Intel i211 Gigabit LAN

BIOS	AMI 64MB SPI
Watchdog Timer	Support
HW State Monitoring	Monitor the state of voltage, temperature and speed of the fan
Expansion	1x PCIE X16, 1x PCIE X4, 2x PCI Slots
Battery	Lithium battery
Power Supply	ATX24Pin + 8Pin
Dimension	245mm × 245mm
Operating Temperature	0~60 Celsius Degree
Storage Temperature	-20~80 Celsius Degree
Operating Humidity	0%-90% relative humidity, no condensation
<b>Display</b>	
Controller	Intel® HD Integrated, 1 x VGA & HDMI (Max. resolution: 1920 x 1080)
<b>I/O</b>	
Storage	4*SATAIII, 1*mSATA
Serial Port	6 x COM, 2 x RS-232/485 (COM 1&2)
Parallel Port	SPP/EPP/ECP mode
USB	8 x USB2.0 (2 x External; 6 x Internal), 4 x External USB 3.0
PS2	1 x Keyboard / Mouse connector
GPIO	Yes (4 x DI & 4 x DO)
Audio	Realtek ALC662; support MIC-IN, Line-OUT and Line-IN