

MTX-05001

Intel® Core™ i7/ i5 /i3, 8th & 9th Generation
Mini ITX Motherboard



FEATURES

- Intel® H310 Express Chipset
- Supports Intel 8th GEN & 9th GEN LGA1151 i7/i5/i3/Pentium (Max 65W TDP)
- 2x DDR4 2666MHz UDIMM slot up to 64GB
- 1* HDMI, 1* DP, 1* VGA, 1* LVDS
- 1* GbE, 1* 2.5GbE, 2* RS232/422/485, 4* USB3.1 (Gen.1), 2* USB2.0
- Support onboard TPM 2.0 (option)
- 1* PCIe x16, 1* M.2 M-key 2242/2280 (SATA/PCIex4) support NVMe, 1* M.2 E key 2230 (PCIex1/USB2.0) support CNVi, 3* SATAIII
- Mini ITX form factor (170mm x 170mm)

MTX-05001	
FORM FACTOR	Mini ITX (170 * 170mm)
CPU	Intel® LGA1151 Socket Gen8 * Gen 9th Core i3, i5, i7 & Pentium Processors (Max. 65W TDP)
CHIPSET	Intel H310 Chipset
BIOS	AMI 128Mb Flash ROM
RAM	2* DDR4 SODIMM 2400/2666MHz Max 64GB
DISPLAY GRAPHICS	by CPU
HDMI	1 (Max. Resolution: 4096x2160@30Hz)
VGA	1 (Max. Resolution: 1920*1080@60Hz)
LVDS	1*(Max Resolution: 1920 x 1200@60Hz) / Inverter
DP	1 (Max. Resolution: 4096x2304@60Hz)
MULTI DISPLAY	Triple Display
ETHERNET	2* RJ45(1* Intel i225V 2.5GbE & 1* Intel i219LM GbE) 10/100/1000 Mbps
AUDIO	6 Channel HD Audio : Realtek ALC888S, 1 (Line-In, Line-Out, MIC)
PCIE	1 * PCIe x16
M.2	1* M.2 E-key 2230 (PCIex1/USB2.0) support CNVi 1* M.2 M-key (2242/2280)
SATA	3
USB	4 * USB 3.1(Gen 1), (2 * USB 2.0 via Header)
SERIAL	2* RS232/422/485 (4 COM via Header)
CHASSIS INTRUSION	1
GPIO	1 (8 bit)
SMBUS/ I2C	1
AUDIO HEADER	1
TPM	1(2.0 onboard option)
AT MODE	1
INPUT PWR	24 pin/4 pin ATX PWR Connector
POWER ON	AT/ATX Supported - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready
OPERATING TEMP	0°C – 60°C
STORAGE TEMP	-20°C – 85°C
CERTIFICATIONS	CE, FCC, RoHS, REACH
WARRANTY	2 Years