

# ATX-12001

Intel® Core™ Series 2 Processors and 14/13/12th Gen ATX Mother Board



## FEATURES

- Supports Intel® Core™ Series 2 Processors and 14/13/12th Gen
- Supports Intel® Core™ Processors with H610 Chipset
- It Supports 2x DDR5 4400MHz memory up to 64GB
- Three independent displays: DVI-D, HDMI, VGA
- Dual GbE ports: 2x 1GbE
- Expansion slots: PCIe x16, PCIe x4, PCI, M.2 M-key 2242/2280

ATX-12001	
CPU	Intel® Core™ Series 2 Processors and 14/13/12th Gen Intel® Core™ Processors, LGA1700, up to 65W
CHIPSET	Intel® H610 Chipset
MEMORY	2x 288-pin non-ECC U-DIMM sockets, Dual-channel DDR4 3200MHz, up to 64GB, OR up to 96GB
BIOS	BIOS AMI® UEFI BIOS, 256MB SPI Flash Memory
SERIAL PORTS	2x RS-232/485 by pin header, 4x RS-232 (COM1 by DB9/M, others via headers)
ETHERNET	1x Intel® I226-V, 1GbE 1x Intel® I219-V, 1GbE
SATA	3x SATA3.0 OR 4x SATA3.0
USB	4x USB 3.0 (rear I/O), 2x USB 2.0 (rear I/O), 4x USB 2.0 (via headers, 1x colay with vertical type A)
EXPANSION SLOTS	3x PCI 1x PCIe Gen4 x16, 3x PCIe x4 (Support PCIe Gen3 x2 signal) 1x M.2 2242/2280 M-key (Support SATA SSD)
DIO	8-bit GPIO
PS/2	1x PS/2 keyboard & mouse pin header
MULTIPLE DISPLAY	Three Displays
DVI	1x DVI-D (DVI-I), max resolution up to 1920x1200 @ 60Hz
HDMI	1x HDMI 1.4b, max resolution up to 4096x2160 @ 30Hz
VGA	1x VGA, max resolution up to 1920x1200 @ 60Hz
AUDIO	Realtek ALC897, 1x Line-out, 1x Line-in, and 1x Mic-in connector (rear I/O)
OPERATING SYSTEM	Microsoft® Windows® 10/11 64-bit
OPERATING TEMPERATURE	0°C to 60°C
STORAGE TEMPERATURE	-20°C to 75°C
RELATIVE HUMIDITY	60°C @ 95% RH, Non-condensing
CERTIFICATION	CE & FCC Class A
WARRANTY	2 YEARS
DIMENSIONS	305 mm x 244 mm (W x L)

