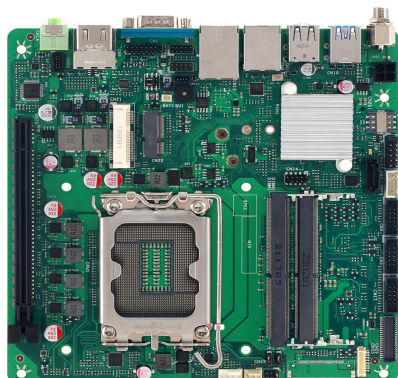


BIH61-IHP

Mini-ITX with 13th/12th Gen Intel® Raptor Lake-S/Alder Lake-S, Core™ i7/i5/i3, Pentium®/Celeron® Processor & Intel® H610E for High-Performance Solution



• Specifications

CPU SUPPORT	Intel 12th Gen (Alder Lake-S) Core™ Processors, up to 65W
CHIPSET	Intel H610
MEMORY	2 x DDR4 3200 MHz SO-DIMM Slot
EXPANSION SLOT	1 x PCI-E x16 Slot 1 x Mini-PCIe Slot 1 x Nano SIM slot 1 x M.2 key B slot 1 x M.2 key E slot
GRAPHICS	Intel® Integrated Graphic 1 x VGA 1 x LVDS or eDP 2 x HDMI
AUDIO	Realtek ALC897 HD Audio
LAN	1 x Intel I219-V(10/100/1000Mbps) 1 x Intel i225-V 2.5G LAN
SUPER I/O CHIP	FINTEK F81966D-I
REAR I/O	2 x USB 2.0 2 x LAN 1 x Audio jack Line-out 2 x HDMI 1 x RS232/422/485 2 x USB 3.0 1 x DC12-24V In Power Jack
INTERNAL I/O	1 x SATA Connector 1 x USB 2.0 Header (each support 2 devices) 1 x USB 2.0 Header (support 1 device) 3 x Serial Header for RS232 1 x Front Audio Header Mic-in, Line-In, Speaker-Out 1 x Front Panel Header 1 x DIO(GPIO) 8 bit (4-In, 4-Out) Header 1 x CPU PWM-FAN Header 1 x System DC-FAN Header 1 x Clear CMOS header 1 x 2*2 pin 12V power connector 1 x Ring/5/12V Jumper for serial port use LVDS or eDP TPM 2.0 (Opt.)
DIMENSION	Mini ITX 170mm x 170mm
ENVIRONMENT	Working Temperature 0°C ~ 60°C Relative Humidity 5% ~ 90%
OS SUPPORT	Support Windows Win 10 Support Linux Support Ubuntu 20.04

• Features

- LGA1700, support 12th/13th Intel® Core processor (Alder Lake-s), Max TDP at 65W
- Supports display output : LVDS or eDP, 2xHDMI, 1x VGA
- Support 2 x DDR4 3200 MHz SO-DIMM, up to 64GB
- Dual LAN by Intel i225-V + i219-V
- 2 x USB3.2 Gen1 / 5 x USB2.0
- 1 x RS232/422/485, 3 x RS232
- 1 x PCIEX16 (Gen3) Slot
- 1x M.2 KEY B(2242/3042/3052), support SATA+USB3.0 or PCIe2
- 1x M.2 KEY E slot (2230), support PCIe1+USB2.0 & Intel CNVI
- 1x Mini PCIe support PCIe1+USB2.0
- Support 0 ~ 60 degree C operating temperature
- Support DC in 12V-24V