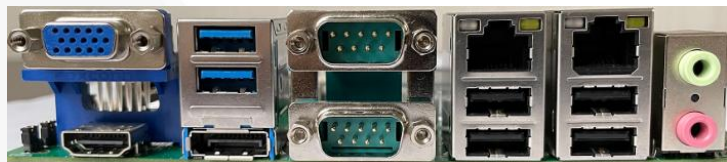




- Application Series -
BIH60-IHP (Intel H610)



Form Factor	Mini ITX 170*170mm
Chipset	H610
CPU	LGA1700, support Intel 12 th / 13 th Core CPU, up to 65W
Memory	2*SO-DIMM , support Dual-channel DDR4-3200, up to 64GB
Video	HDMI 1.4b, DP 1.4., VGA, LVDS/eDP by BOM opt
LAN	1*2.5G LAN by Intel i225V + 1*1G LAN by Intel i219V
Codec	Realtek ALC897 w/ ALC105, support 3W Speaker_out
Expansion slot	1*PCIeGen4 x16 slot 1* M.2 key B(3042/3052/2242), support USB3.2 Gen1 + PCIe1 w/ nano SIM card, or PCIe2 or PCIe1+SATA(BOM opt) 1*M.2 Key E, support USB2.0 + PCIe1 1*Mini PCI-E, support PCIe1 +USB2.0 or mSATA(BOM opt)
onboard IO	2*2x5 pin header for RS232 1*1x4 pin header, support 1*USB2.0 1*SATA port 1*eDP header 1*LVDS header 1*LVDS inverter 1*2x3 pin header for LCD voltage select 1*2x7pin header for Front Panel 1*2x5 pin header for Front Audio for Line_in / Speaker_out 1*2x5pin header for 8 bit DIO 1*1x4 pin CPU fan header 1*1x3 pin System fan header 1*1x3pin AT/ATX power select header 1*2x2 12V ATX power connector 1*2x12 ATX power connector TPM 2.0 (Infineon SLB9670)
Rear IO	1*DP 1*VGA 1*HDMI 1*DB9, support RS232/422/485(RI/5V/12V) 1*DB9, support RS232 2*USB3.2 Gen 1 port 4*USB2.0 port 1* 2.5G RJ45 1*1G RJ45 1*2 port audio jack for Line_out / MIC-in
Ordering information	TBD

Giga RJ45 +USB2.0 x2

2.5G RJ45 +USB2.0x2

Line_out+MIC_in

Front Audio header
(Line_in/ Speaker_out)

4pin ATX power

PCIEx16 slot @PICE

Gen4x16

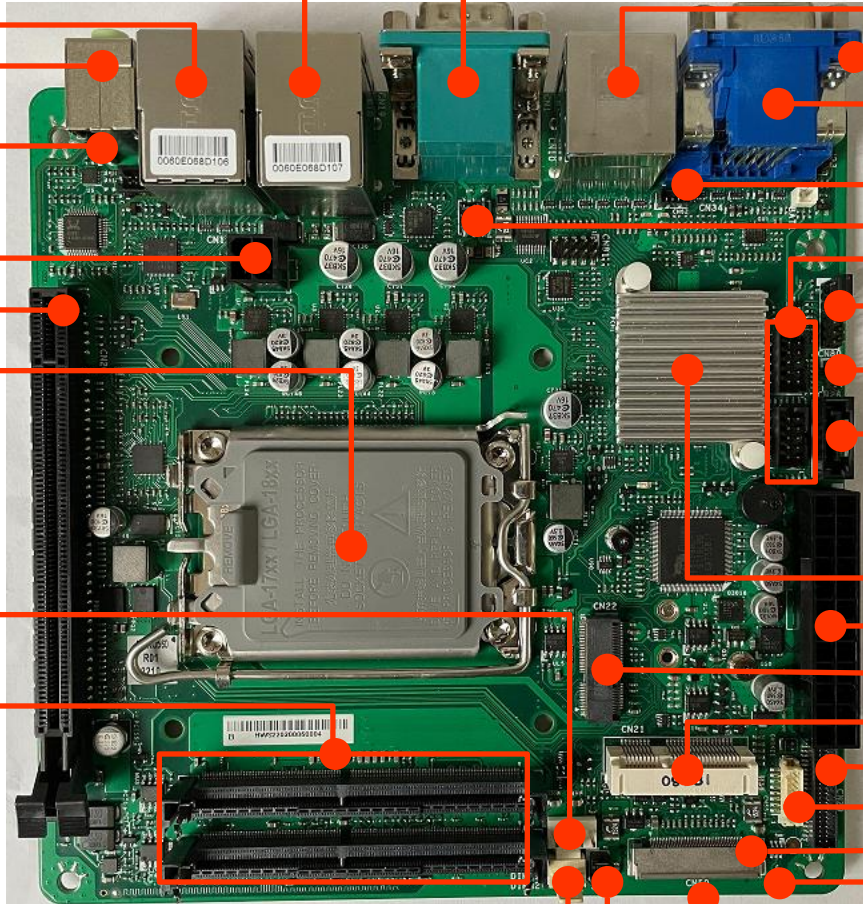
LGA1700

4pin CPU FAN

DDR4 SODIMMx2 ,
support Dual channel
DDR4 up to 3200Mhz

3pin System FAN

LCD voltage select header



DB9 COM1 RS232/422/485(low)

DB9 COM2 RS232(high)

DP 1.4a +USB3.2 5Gb/s x2

AT/ATX power select jumper

HDMI 1.4b +VGA

USB2.0 header(1port)

COM1 voltage select (R1/5V/12V)

RS232 headerx2

Front panel Header

DIO header(4in/ 4out)

SATA port

H610 chipset

ATX 24pin power

M.2 Key E

Mini PCI-E

LVDS connector

LVDS inverter connector

eDP connector

Nano SIM card holder
(solder side)

M.2 Key B(solder side)