BIOSTAR
BRING SOLUTION INTO REALITY

BIH6B-IHP Industrial PC

● LGA1700, support 12th/ 13th /14th Gen Intel® Core Processor w/ Intel H610 chipset, Max TDP at 65W
● Support triple display : 1 x LVDS, 2 x HDMI®, 1 x VGA
● 2 x DDR5 5600 MHz SO-DIMM(Non-ECC), up to 96GB
● 1 x Intel i226-V 2.5G LAN, 1 x Intel i219-V 1G LAN
● 2 x USB3.2 Gen1 / 5 x USB2.0
● 1 x RS232/422/485, 3 x RS232
● 1 x SATA3
● 1 x M.2 KEY B(2242/3042/3052), support PCIEx2
● 1 x M.2 KEY E slot (2230), support PCIEx1+USB2.0 & Intel CNVI
● 1 x Mini PCIe support PCIEx1+USB2.0
● 1 x PCIE Gen4 X16 (Slot
● DC_IN 12-24V

Specifcation

CPU SUPPORT	LGA1700, support 12th/ 13th /14th Gen Intel® Core Processor
CHIPSET	Intel H610
MEMORY	2 x 262-pin DDR5 5600Mhz SODIMM up to 96GB.
EXPANSION SLOT	1 x M.2 B Key 2242 support PCIe3.0 x2 for NVMe storage 1 x M.2 E Key 2230 support PCIe3.0 x1 + USB2.0, support WIFI/BT module 1 x Full Size MIniPCIe support PCIe3.0x1 + USB2.0, support WIFI/BT module 1 x PCIe4.0 x16 Slot
GRAPHICS	Intel® Integrated Graphics, support triple display - 2 x HDMI® connectors (4096x2160@24Hz) - 1 x VGA connector (1920x1200 @60Hz) - 1 x LVDS header(1920*1200 @60Hz)
AUDIO	- Audio Codec: ALC897 +ALC105, support 4 ohm 2W amplifier
LAN	Dual Intel® LAN - 1 x 2.5G by i226-V - 1 x 1G by i219-V
SUPER I/O CHIP	FINTEK F81966
REAR I/O	1 x DC_Jack 1 x COM Port , support RS-232/422/485 2 x HDMI® connector 2 x RJ45 connector, support 2.5G + 1G 2 x USB3.2 Gen1 Type A connector 2 x USB2.0 Type A connector 1 x Audio jacks, support Line-out

INTERNAL I/O	Expansion slots: - 2 x 262-pin DDR5 slot - 1 x M.2 B Key - 1 x M.2 E Key - 1 x Full Size MIniPCIe w/ SIM slot - 1 x PCIe4.0 x16 Slot SATA: - 1 x SATA3 7pin connector - 1 x 1*4 pin SATA power box header Display: - 1 x 2*20 pin LVDS box header - 1 x 1*8 pin LCD backlight control box header (5V/12V) - 1 x 2*3 pin LCD power select header (3.3V/5V/12V, default is 3.3V) Audio: - 1 x 2*5 pin header for MIC-in, Line-out, Speaker-out (Amplifier) - 1 x Buzzer USB: - 2 x USB2.0 by 1 x 2*5 pin header - 1 x USB2.0 by 1 x 1*4 pin header Power: - 1 x 2*2 pin power connector, support DC-IN 12~24V Serial Port: - 3 x 2*5 pin RS232 box header - 1 x 2*3 pin COM1 power select header (RI/5V/12V, default is RI) Others: - 1 x 1*4 pin-header for CPU Fan (PWM Fan) - 1 x 1*3 pin-header for SYS Fan - 1 x 2*6 pin front panel header - 1 x 1*3 pin clear CMOS header - 1 x 1*3 pin AT/ATX mode select header (default is ATX) - 1 x 2*5 pin 8-bit DIO header - 1 x Green LED for 5V standby power indicator - TPM2.0 onboard
DIMENSION	Mini-ITX, 170mm x 170mm (W x L)
ENVIRONMENT	0ºC ~ 60ºC Humidity : 5% ~ 90%
OS SUPPORT	Support Windows 10/11 Support Ubuntu 22.04

*The specification and pictures are subject to change without notice and the package contents may differ by area or your motherboard version!

BIOSTAR®
BRING SOLUTION INTO REALITY

ESG