

## BIH61-IHP Industrial PC



- LGA1700, support 12th/13th Intel® Core processor (Alder Lake-s), Max TDP at 65W)
- Supports display output : 1 x LVDS, 2 x HDMI®, 1 x VGA
- Support 2 x DDR4 3200 MHz SO-DIMM, up to 64GB
- Support M.2 Hailo-8™ AI Accelerator, up to 26 TOPS (option)
- 1 x Intel i225-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 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 ATX power

### Specification

CPU SUPPORT	LGA1700, support 12th/ 13th /14th Gen Intel® Core Processor
CHIPSET	Intel H610
MEMORY	2 x DDR4 3200 MHz SO-DIMM Slot, up to 16G
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 LVDS, up to 1920 x 1200 1 x VGA, up to 1920x1200 @60Hz 2 x HDMI® , up to 4096x2160 @24Hz
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	<ul style="list-style-type: none"> <li>2 x USB 2.0</li> <li>2 x LAN</li> <li>1 x Audio jack Line-out</li> <li>2 x HDMI®</li> <li>1 x RS232/422/485</li> <li>2 x USB 3.0</li> <li>1 x DC12-24V In Power Jack</li> </ul>
INTERNAL I/O	<ul style="list-style-type: none"> <li>1 x SATA Connector</li> <li>1 x USB 2.0 Header (each support 2 devices)</li> <li>1 x USB 2.0 Header (support 1 device)</li> <li>3 x Serial Header for RS232</li> <li>1 x Front Audio Header MIC-in, LINE-in, Speaker-out</li> <li>1 x Front Panel Header</li> <li>1 x DIO(GPIO) 8 bit (4-In, 4-Out) Header</li> <li>1 x CPU PWM-FAN Header</li> <li>1 x System DC-FAN Header</li> <li>1 x Clear CMOS header</li> <li>1 x 2*2 pin 12V power connector</li> <li>1 x Ring/5/12V Jumper for serial port use</li> <li>LVDS or eDP</li> <li>TPM 2.0 (Opt.)</li> </ul>
DIMENSION	Mini ITX 170mm x 170mm
ENVIRONMENT	<ul style="list-style-type: none"> <li>Working Temperature 0°C ~ 60°C</li> <li>Relative Humidity 5% ~ 90%</li> </ul>
OS SUPPORT	<ul style="list-style-type: none"> <li>Support Windows Win 10</li> <li>Support Linux</li> <li>Support Ubuntu 20.04</li> </ul>

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



BIOSTAR  
International Corp.