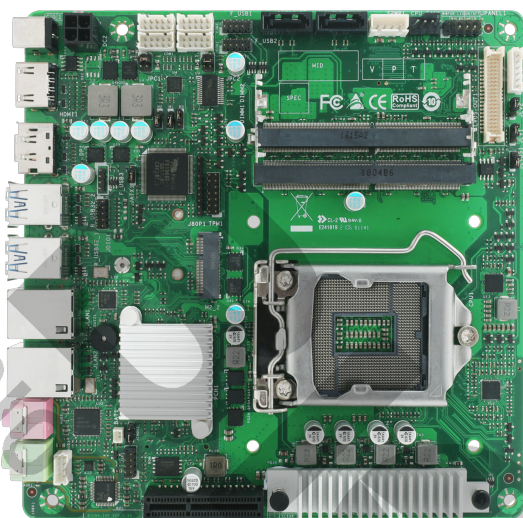


# BICMA-IHP Industrial PC



- Intel Comet lake-s for LGA1200 Socket CPU with Intel H420E chipset, TDP: 65W
- Display : 1x LVDS (colay eDP), 1x DP, 1x HDMI®
- Support 2 x DDR4 2666 MHz SO-DIMM, up to 64GB
- Support M.2 Hailo-8™ AI Accelerator, up to 26 TOPS (option)
- 1 x Intel I211-AT GbE LAN(colay I210-AT), 1x Intel I219-LM GbE LAN (H420E is I219V)
- 4 x USB 2.0, 4 x USB 3.0
- 1 x RS232/422/485, 3x RS232
- 2 x SATAIII connector
- 1 x M.2 M key 2260/2280 slot for NVME
- 1 x PCIEX4 Slot
- 1 x M.2 E key 2230 slot, support Intel CNVI
- Support 0 ~ 60 degree C operating temperature
- Typical 12V DC input

## Specifcation

|                |                                                                                                                                              |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| CPU SUPPORT    | Socket 1200 for Intel® Comet lake S Core i7 / i5 / i3 / Pentium / Celeron processor                                                          |
| CHIPSET        | Intel Q470E<br>Intel H420E                                                                                                                   |
| MEMORY         | 2 x DDR4 2666 MHz SO-DIMM slot                                                                                                               |
| EXPANSION SLOT | 1 x PCI-Ex4 Slot<br>1 x M.2 KEY E socket, support Intel CNVI<br>1 x M.2 key M type 2260/2280 with PCIe4 and SATA3.0(H420E only support SATA) |
| GRAPHICS       | 1 x LVDS or eDP<br>1 x HDMI® , up to 4096x2160 @24Hz<br>1 x DP, up to 4096x2160 @60Hz                                                        |
| AUDIO          | Realtek ALC897 HD Audio                                                                                                                      |
| LAN            | 1 x Intel I211-AT GbE LAN<br>1 x I219-LM GbE LAN (H420E is I219-V)                                                                           |
| SUPER I/O CHIP | FINTEK F81966D-I                                                                                                                             |
| REAR I/O       | 2 x LAN<br>2 x Audio jack (Mic-In, Line-out)<br>1 x DC Jack<br>1 x HDMI®<br>4 x USB 3.0<br>1 x Display Port                                  |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INTERNAL I/O | 1 x Serial Header for RS232/422/485<br>2 x USB 2.0 Header (each support 2 devices)<br>1 x USB 2.0 Header (support 1 device)<br>3 x Serial Header for RS232<br>1 x LVDS Connector<br>1 x DIO(GPIO) 8 bit (4-In, 4-Out) Header<br>1 x CPU PWM-FAN Header<br>1 x Buzzer<br>1 x TPM 2.0 Header<br>1 x Speaker wafer Header<br>1 x JFRONT Panel Header, support power, reset, HDD Led..header<br>1 x DC-IN, 4P ATX Power Connector |
| OS SUPPORT   | Support Windows 10 64bit                                                                                                                                                                                                                                                                                                                                                                                                      |

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

