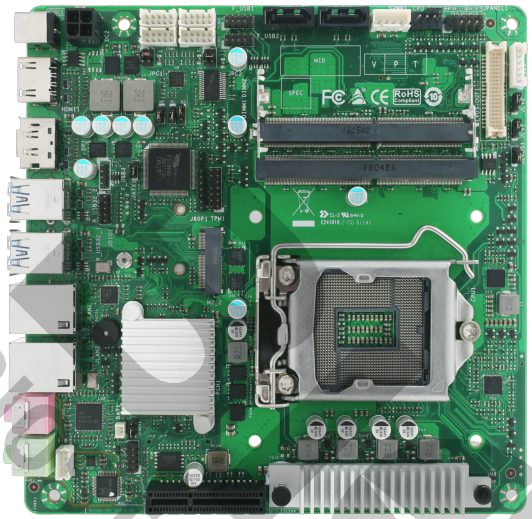
BICMA-IHP Industrial PC



- 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 Intel H420E
MEMORY	2 x DDR4 2666 MHz SO-DIMM slot
EXPANSION SLOT	1 x PCI-Ex4 Slot 1 x M.2 KEY E socket, support Intel CNVI 1 x M.2 key M type 2260/2280 with PCIEx4 and SATA3.0(H420E only support SATA)
GRAPHICS	1 x LVDS or eDP 1 x HDMI® , up to 4096x2160 @24Hz 1 x DP, up to 4096x2160 @60Hz
AUDIO	Realtek ALC897 HD Audio
LAN	1 x Intel I211-AT GbE LAN 1 x I219-LM GbE LAN (H420E is I219-V)
SUPER I/O CHIP	FINTEK F81966D-I
REAR I/O	2 x LAN 2 x Audio jack (Mic-In, Line-out) 1 x DC Jack 1 x HDMI® 4 x USB 3.0 1 x Display Port

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INTERNAL I/O	1 x Serial Header for RS232/422/485 2 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 LVDS Connector 1 x DIO(GPIO) 8 bit (4-In, 4-Out) Header 1 x CPU PWM-FAN Header 1 x Buzzer 1 x TPM 2.0 Header 1 x Speaker wafer Header 1 x JFRONT Panel Header, support power, reset, HDD Led..header 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!

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