BIELK-IHT Industrial PC

- Onboard Intel® Elkhart Lake Processor J6412/J6413/J6426/X6211/X6413E/X6425E/N6210/N6211/N6215
- Supports display output : 1 x LVDS, 1 x HDMI®, 1 x VGA
- Support 2 x DDR4 3200 MHz SO-DIMM, up to 32GB
- Support M.2 Hailo-8™ AI Accelerator, up to 26 TOPS (option)
- 2 x Realtek RTL8111H-CG GbE LAN
- 2 x USB3.2 Gen1 & 6 x USB2.0
- 2 x RS232/422/485, 4 x RS232
- 1 x SATAIII (opt.)
- 1x M.2 KEY B slot support USB3.2+PCIEx1 w/ SIM card holder(3042/3052) or PCIEx2(2242) or PCIEx1+SATA(2242)
- 1x Mini PCIe, support PCIEx1 +USB2.0 or mSATA
- Support 0 ~ 60 degree C operating temperature
- Typical 9~20V(24V opt) DC input

Specifcation	
CPU SUPPORT	Intel Celeron J6412/J6413 (opt.)
MEMORY	2 x DDR4 3200 MHz SO-DIMM Slot, up to 32G
EXPANSION SLOT	1 x Full size Mini-PCIe slot 1 x SIM card slot 1 x PCIex4 Slot with PCIex2 Signal 1 x M.2 KEY B slot for optional 5G/WIFI/Bluetooth module
GRAPHICS	1 x LVDS, up to 1920 x 1200 1 x VGA, up to 1920x1200 @60Hz 1 x HDMI® , up to 4096x2160 @24Hz
AUDIO	Realtek ALC897 HD Audio 1 x Build in 3W internal Audio Amplifier
GbE	2 x Realtek RTL8111H - Integrated 10/100/1000 Transceiver
LAN	2 x Gigabit Ethernet
REAR I/O	2 x USB 2.0 2 x GbE 1 x Audio jack Line-Out 1 x DC Jack 1 x HDMI® 2 x USB 3.0 1 x RS232/422/485 (DB9 connector)

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INTERNAL I/O	2 x USB 2.0 Header (support 4 devices) 4 x Serial Header for RS232 1 x Front Audio Header MIC-in, LINE-in, SPK-out 1 x Front Panel Header 1 x DIO(GPIO) 8 bit (4-In, 4-Out) Header 1 x VGA Header 1 x Clear CMOS header 6 x RI/5V/12V Jumper for serial port use 1 x DC-IN, 4P ATX Power Connector SATA Connector(Opt.) 1 x SATA Power Connector(Opt.) LVDS or eDP TPM 2.0 (Opt.) 1x Serial Header for RS232/422/485
DIMENSION	Mini ITX 170mm x 170mm
ATATX	AT / ATX selection
OS SUPPORT	Support Windows 10 Support Linux 20.04

*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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