

# BIWLA-IHT Industrial PC



- Onboard Intel® Whiskey Lake-U Core™ i7/i5/i3 processor TDP:15W
- Display : 1x LVDS (colay eDP), 1x VGA(colay DP), 1x DP, 1x HDMI®
- Support 2 x DDR4 2400 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
- 4 x USB 2.0, 4 x USB 3.0
- 2 x RS232/422/485, 4x RS232
- 2 x SATAIII
- 1 x M.2 M key 2242/2260/2280 slot for NVME
- 1 x M.2 B key 3042 slot, support 3G/4G Module
- 1 x M.2 E key 2230 slot, support WIFI Module
- 1 x Micro SIM socket
- Support 0 ~ 60 degree C operating temperature
- Typical 12~28V DC input

## Specification

CPU SUPPORT	Intel Whiskey lake-U i3-8145UE/i5-8365UE/i7-8665UE/4305UE
MEMORY	2 x DDR4 2400 MHz SO-DIMM
EXPANSION SLOT	1 x SIM card slot 1 x M.2 KEY E socket for 802.11b/g/n WIFI /BT Module 1 x M.2 B KEY socket for 3G Module 1 x M.2 M key 2242/2260/2280 slot for SATA SSD
GRAPHICS	1 x LVDS or eDP 1 x HDMI® , up to 4096x2160 @24Hz 1 x DP1.2, up to 3480 x 2160@60Hz 1 x VGA, up to 1920x1200 @60Hz (Colay with DP)
AUDIO	Realtek ALC662 5.1-Channel HD Audio 1 x Build-in 2W internal Amp
LAN	1 x Intel I219-LM(10/100/1000Mbps) 1 x Intel I211-LM colay I210-LM (10/100/1000Mbps)
SUPER I/O CHIP	FINTEK F81966D-I
REAR I/O	2 x LAN 1 x Audio jack (Mic-In, Line-Out) 1 x DC Jack 1 x HDMI® 4 x USB 3.0 1 x Display Port

INTERNAL I/O	2 x Serial Header for RS232/422/485 2 x USB 2.0 Header (each support 2 devices) 4 x Serial Header for RS232 1 x LVDS Connector 1 x Front Panel Header 1 x DIO(GPIO) 8 bit (4-In, 4-Out) Header 1 x ATX Power Connector 1 x TPM 2.0 Header 1 x CPU FAN Header 1 x Speaker wafer Header 1 x Digital I/O Header 1 x JFRONT Panel Header, support power, reset, HDD Led..header 1 x Clear CMOS header 1 x HDD power header 1 x USB 2.0 Header (support touch device) 1 x DC-IN, 4P ATX Power Connector 1 x 2*8 pin VGA header (colay with DP)
ATATX	AT / ATX selection
OS SUPPORT	Support Windows 10 Support Linux Ubuntu 16.04

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



BIOSTAR Microtech International Corp.