NDiS B360

Main Features

- 11th Generation Intel® Tiger Lake-UP3 Core™ processor SoC
- Dual 4K@60Hz display output, DP++, HDMI 2.0
- Support 4K@60Hz eDP display output
- Compact and slim design (H: 36mm)
- Dual LAN ports and USB3.0 ports for easy connection
- On-board M.2 M-key 2280 with PCIex4/SATA signal for storage modules
- On-board M.2 E-key 2230 for optional WiFi modules
- Support extended temperature and outdoor application
- Fanless design

Specifications

CPU Support
- On-board 11th Generation Intel® Core™ i3-1115G4E Processor, Dual Core, 2.2 GHz base Frequency, 6M Cache (Formerly Tiger Lake-UP3)
- On-board 11th Generation Intel® Core™ i5-1145G7E Processor, Quad Core, 1.5 GHz base Frequency, 8M Cache (by Request)
- On-board 11th Generation Intel® Core™ i7-1185G7E Processor Quad Core, 1.8 GHz base Frequency, 12M Cache (by Request)

Chipset
- SoC (codenamed Tiger Lake-UP3)

Main Memory
- 1 x 260-pin DDR4 SO-DIMM, supports non-ECC, un-buffered memory up to 32G

Graphics & Display
- Intel® UHD Graphics 630 on i3 processor
- Intel® Iris® Xe Graphics on i5 processor
- 1 x DP++, support 4096 x 2304 @ 60Hz
- 1 x HDMI 2.0, support 4096 x 2160 @ 60Hz

Interface-Front
- 1 x power button
- 1 x line out
- 1 x COM (RS232)

I/O Interface-Rear
- 1 x 12V DC Jack
- 2 x RJ45 Intel Gigabit LAN port
  - 1 x Intel® I219-LM GbE PHY
  - 1 x Intel® I210-AT GbE LAN
- 1 x DP++
- 1 x HDMI 2.0
- 4 x USB 3.0
- 1 x COM (RS232/422/485)

I/O Interface-Internal
- 4 x USB 2.0 internal pin header
- 1 x Mic-in connector
- 1 x Speaker out with 2W/4Ω amplifier, internal connector
- 8 x GPIO pin header for 4x GPI and 4x GPO
- 1 x 4-pin connector for PWM Smart FAN
- 1 x 12V 2A power output coming from main power source to additional module use
- 1 x eDP: support 4096 x 2160 @ 60Hz
- TPM2.0: optional feature by request

Storage
- 1 x M.2 M-key 2242/2280, support PCIex4, SATA signal

Expansion
- 1 x M.2 E-key 2230, support optional WiFi modules

Power Supply
- 1 x External 65W AC/DC power adapter
- Input: 100VAC to 240VAC
- Output: DC+12VDC

Environment
- Operating temperature: -20°C to 60°C
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

Certification
- CE Approval
- FCC Class A

Dimensions
- 200mm (W) x 132.6mm (D) x 36mm (H) (without wall mount bracket)

Operating System Support
- Win10 / Linux