

IBS-600-H

Fanless Embedded System



Specifications

CPU

- Intel® Core™ i3/i5/i7/i9/Pentium/Celeron 12th/13th/14th Generation:

i9-14900TE	i7-14700TE	i5-14500TE	i3-14100TE	i9-13900TE	i7-13700TE
5.8 GHz	5.4 GHz	2.6 GHz	3.5 GHz	5.6 GHz	5.2 GHz
i5-13500TE	i3-13100TE	i9-12900TE	i7-12700TE	i5-12500TE	i3-12100TE
2.5 GHz	3.4 GHz	5.1 GHz	4.9 GHz	3.0 GHz	3.3 GHz

Memory

- 2x 262-pin SO-DIMM sockets
- Supports up to 64GB DDR5 4800 MHz, unbuffered, None ECC or ECC

Chipset

- Intel® H610

Graphic

- Integrated in CPU Intel® UHD Graphics 770 / 730 / 710
Support DirectX 12, OpenGL 4.5, OpenCL 2.1, Triple View
- Video ports: DisplayPort, HDMI
- DP 1.2: resolution up to 3840x2160 @ 60Hz
- HDMI 1.4: resolution up to 4096x2304 @ 60Hz

Ethernet

- 1x Intel® i225-V 2.5 Gigabit Ethernet Controller
- 1x Intel® i219-LM Gigabit Ethernet Controller

Storage / Drive Bays / Slots

- 1x 2.5" Drive Bay
- 1x 2280 M.2 M-Key (PCIe 3.0 x4) Slot

RAID / SATA

- 1x SATA 3.0

Expansion Slots

- 1x 3042 M.2 B-Key (USB 2.0, PCIe 3.0 x1, SATA 3.0) Slot
- 1x 2230 M.2 E-Key (supports CNVi) Slot

Front I/O

- 2x USB 2.0
- 1x DB9 (8-bit GPIO)

Rear I/O

- 1x HDMI, 1x DP, 2x RJ45 LAN, 4x USB 3.2 Gen1
- 2x DB9 (1xRS232, 1xRS232/422/485)
- Line-out, Mic-in

Power Supply

- Power input: 9-36V Terminal Block connector

Cooling

- Passive Cooling (Fanless Thermal Design)

Mechanical

- Cold Rolled Steel, Extruded Aluminum Front Panel
- Mounting: Wall Mount
- Power Button in front

Dimensions

- Dimension (W x H x D mm): 209 x 87 x 209 mm
- Weight: 2.9 kg

Environment

- Operating Temperature: -20°C to 50°C
- Storage Temperature: -40°C to 85°C
- Humidity: 10 ~ 95%, non-condensing

Certifications

- CE
- FCC Class B

Operating System Support

- Windows 10 / 11 Pro
- Windows 10 IoT LTSC / 11 IoT LTSC

Ordering Information

#IBS-600-H