ASUS IoT EBS-I10

2U embedded computer with Intel® Core™ 9th Gen. processor and NVIDIA® RTX A2000 GPU support

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Features

- Intel® Core™ 9th Gen. CPU
- 2x DDR4 2666 MHz SODIMM, up to 32GB
- Intel® H310 chipset
- Supports NVIDIA® RTX A2000 with up to 8TFLOPs GPU
- Operating temperature: 0 ° ~ 40 °C

ASUS IoT EBS-I10: Powerful 2U embedded computer

The ASUS EBS-I10 is a high-performance and compact 2U embedded computer that offers support for up to 65W Intel 9th Core™ i7 processors. With its advanced design and a variety of innovative I/O ports, including two Gigabit Ethernet ports and six USB ports, it is perfect for a wide range of industrial applications and devices.

Graphics card support and flexible expansion options
ASUS EBS-I10 is equipped with an internal M.2 2280 NVMe interface optimized for fast access to storage media. With two DisplayPort outputs and one HDMI port, ASUS IoT EBS-I10 can easily drive up to two displays with different interfaces. In addition, it has multiple COM ports for use in legacy industrial applications and offers expansion capabilities through a low-profile PCI Express® x16 slot that provides support for up to NVIDIA® RTX A2000 GPU.

All this makes the ASUS IoT EBS-I10 an excellent embedded system for AI inference computing. The powerful GPU support ensures that it is up to the demands of today and tomorrow.

Dimensions (mm)

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Specifications	ASUS IoT EBS-I10
SYSTEM	
CPU	Supporting Intel® Core™ CPUs -Intel® Core™ i7-9700E -Intel® Core™ i5-9500E -Intel® Core™ i5-9500TE -Intel® Core™ i3-9100TE
Chip	Intel® H310
RAM	Up to 32GB DDR4 2666 MHz (two SODIMM slots)
TPM	TPM Header
Storage	1x 2,5" SATA (256GB/512GB) 1x M.2 2280 (256GB/512GB/1TB)
Expansion	1x PCIe x16 1x Full/Half Mini PCIe with SATA 1x M.2 2230 E-Key for Wi-Fi/BT device 1x M.2 2242/2260/2280 M-Key 1x low-profile expansion card (NVIDIA® RTX A2000)
INTERFACE	
Ethernet	2x RJ-45 (10/100/1000Mbps)
USB	4x USB 3.2 Gen 1 ports 2x USB 2.0 ports
COM	2x COM: RS-232/ 422/ 485 ports 3x COM: RS-232 ports
Video	1x HDMI port 1x DisplayPort port
Audio	2x Audio-Jack
ENVIRONMENTAL	
Power Supply	Flex ATX 250W Gold or 350W Gold
Operating Temperature	0° ~ 40°C
Storage Temperature	-20° ~ 60°C
Humidity	10 ~ 95%
Dimensions	255 (W) x 230 (D) x 88 (H) mm
Weight	TBA

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Ordering Information	ASUS IoT EBS-I10
MODEL NO.	
90AE00V*	EBS-I10
PACKING LIST	
14009*	AC power cord
14013*	SATA 6G cable (Barebone SKU only)
13020*	2x M.2 screw pack (Barebone SKU only)
14008*	Wi-Fi antenna (Barebone SKU only)

*The part number might vary for different regulations and package. Please consult the TPM in your region for exact 90PN.