

DSX-1600B Edge Inference System.

Streamline your AI workload to an AI-efficient system powered by Blaize

Powered by a Blaize® Xplorer® X1600P PCIe accelerator, the DSX-1600 delivers 64 TOPs of proven AI performance. This mini-1U system is ready to support a range of multi-modal edge workloads, including real-time video analytics, digital signage, and multi-sensor security processing.

Combined with the efficiency and programmability of the Blaize SDK and Blaize hardware, the Blaize DSX-1600 provides confidence to architect and design your complex multi-modal AI applications.

**Blaize® Xplorer® X1600P
PCIe Accelerator.**



Blaize® DSX-1600.

Key Specifications

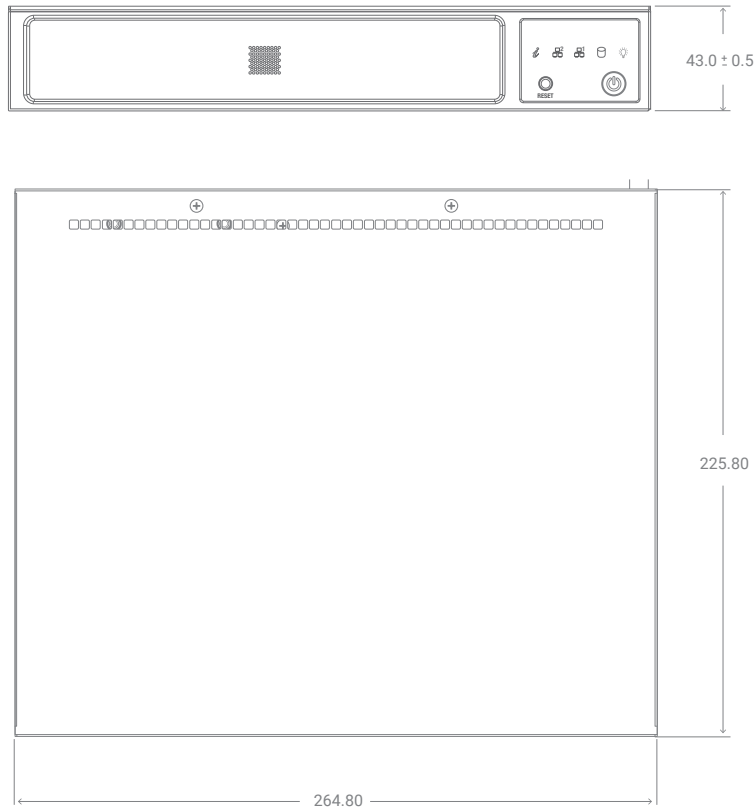
Features	Description
System Chipset	Intel® Q670E Express Chipset
Inference	64 TOPs
CPU	Intel® Core™ i5-13500E
Memory	32 GB DDR4-3200
Display	1x HDMI 2.0b port (rear) 1x HDMI 1.4 port (rear) 2x DisplayPort ports (rear)
Storage	1x NVME SSD: 1TB 1x SATA SSD: 2TB
Expansion Slots	1x PCIe 5.0 x16 slot 1x M.2 PCIe 3.0 x1 slot (E-key 2230)
I/O Ports	Audio: 1x mic-in, 1x line-out LAN: 1 RJ45 2.5 GbE LAN port (Intel® I225-LM) 1 RJ45 1 GbE LAN port (Intel® I210-AT) USB: 4x 3.2 Gen2 Type-A ports (rear)
Power	1x external 180W DC power supply Dimensions: 151.3 x 75.6 (D) x 25.4 (H) mm Input: 180W: 100-240Vac / 47-63Hz
Form Factor	Dimensions: 264.8 (W) x 225.8 (D) x 43 (H) mm Net Weight: 3.7 lbs (1.6 kg)
Environmental	Operating Temperature: 0°C to 40°C (32°F to 104°F) with 0.7 m/s airflow Non-operating Temperature: -40°C to 70°C (-40°F to 158°F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)

Ordering Information

Part Number	Description
900-00029-04	Blaize® DSX-1600B, Power Supply Included

Mechanical Specifications

Dimensions Unit: mm



**One Platform.
Infinite Possibilities.**

Take the next step.

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