Plug-in-and-code for rapid AI application development on Blaize® Xplorer® Platforms
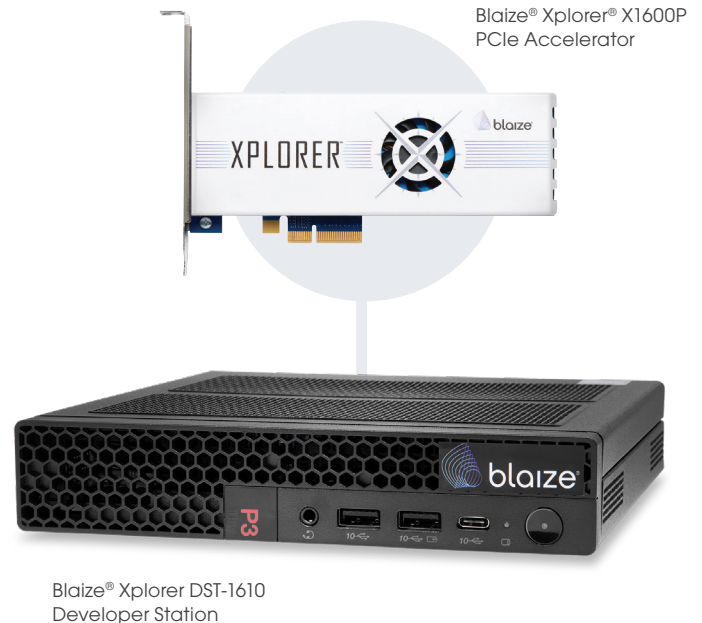
Overview

The Blaize® Xplorer® DST-1610 Developer Station is a fully integrated development environment built around the Blaize X1600P PCIe Accelerator Platform. The DST-1610 provides a highly efficient platform for developing complete artificial intelligence applications.

The DST-1610 comes pre-loaded with the Blaize® Picasso® Software Development Kit and code samples. With the DST-1610, users can quickly and easily connect a screen, keyboard, mouse, and power and be ready to start development.

Benefits

- No complex hardware or software set up required
- Easy-to-use environment for building complete AI applications on real hardware
- Access to Blaize code examples
- Extensive Blaize Picasso software development kit accelerates development time

Blaize® Xplorer® X1600P
PCIe Accelerator

Blaize® Xplorer DST-1610
Developer Station

Features

Development station includes:

- Blaize Xplorer X1600P PCIe accelerator
  - 16 GSP cores (16 TOPs)
  - H.264/265 CODEC
  - Soft ISP
  - 4GB LPDDR4
  - PCIe Gen 3.0, 4 lanes
- Ethernet (RJ45, 1Gbps)

- 13th Gen Intel® Core™ i3-13100 Processor or 13th Generation Intel® Core™ i5-13500 Processor
- 16GB DDR5-4800MHZ (SODIMM) - (2x 8GB)
- 512 GB SSD M.2 2280 PCIe Gen 4
- Dimensions (H x W x D): 179.0 mm x 37 mm x 182.9 mm / 7.0" x 1.5" x 7.2"

Edge and Enterprise Servers and Applications

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