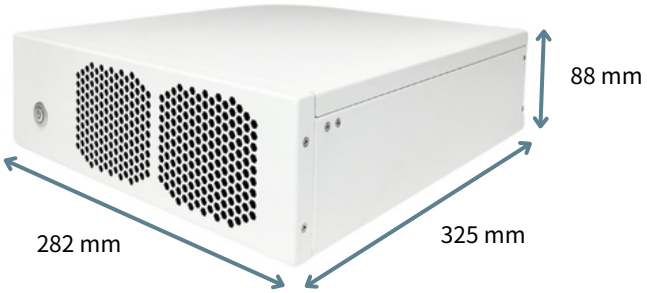
AIGX-2000

2U AI System based on NVIDIA IGX Orin™ platform





The Portwell AIGX-2000 is built on the NVIDIA IGX Orin™, an industrial-grade platform that combines enterprise-level hardware, software, and support. As a single, holistic platform, this compact IGX system allows companies to focus on application development and realize the benefits of AI faster.

FEATURES

- Built-in safety extensions to deliver proactive AI safety
- High-performance and energy-efficient systems built for low-latency, real-time applications
- The latest in embedded device security, remote provisioning, and management
- Extended hardware and software support to ensure product longevity

INTERIOR



SYSTEM

CPU	12-core Arm® Cortex®-A78AE v8.2
GPU	2,048-core NVIDIA Ampere architecture with 64 Tensor Cores
Memory	64GB 256-bit LPDDR5 204.8 GB/s
Storage	- 64GB eMMC 5.1 - M.2 NVMe storage (Optional)

EXTERNAL I/O

Ethernet	- 2x RJ45 ports (up to 1 GbE) - 2x QSFP28 ports (up to 100GbE per port/up to 25Gb/s per channel)
USB	- 1x USB 3.2 Gen2 Type-C connector - 4x USB 3.2 Gen2 Type-A connectors
Display Interface	- 1x DisplayPort 1.4a output - 1x HDMI 2.0b input (up to 4Kp60)
Audio	Two 3.5mm AUX jacks (Mic in, Line out)

MECHANICAL & ENVIRONMENTAL

Dimension	282 (W) x 325 (D) x 88 (H) mm 11.10” (W) x 12.80” (D) x 3.46” (H)
Power Supply	300W power supply
Environment	- Operating Temperature: 0°C to 50°C - Storage Temperature: 0°C to 70°C - Relative Humidity: 5% ~ 95%, RH

Portwell

*All information provided is subject to change without notice. Last updated: July 15, 2024