NURO-824E

Edge GPU Workstation powered by Intel® Core™ Series 2 and 14th/13th/12th Gen Intel® Core™ i9/i7/i5/i3 Processor Featuring a PCIe Gen5 x16 slot optimized for an NVIDIA RTX PRO™ 6000 Blackwell GPU





Front View



Back View

Engineered for the most demanding professional workflows, this workstation delivers powerful computing with support for Intel® Core™ Series 2 and 14th/13th/12th Gen Intel® Core™ processors in the LGA1700 socket. Take your compute further with the latest Intel® Bartlett Lake architecture, optimized for high-frequency, P-core intensive tasks. Paired with PCIe Gen5 x16 bandwidth and the NVIDIA® Blackwell GPU architecture, this system offers unparalleled scalability and bandwidth for next-gen machine learning and autonomous systems.

FEATURES

- Supports Intel® Core™ Series 2 processors (codename Bartlett Lake) for high-performance computing
- 2x PCIe Gen 5 slots support dual GPU cards
- Delivers up to 64GB DDR5 4800 MHz SO-DIMM on two sockets
- 1x M.2 NVMe SSD
- 1x Hot swap 2.5" SATAIII bay
- 1600W Swappable CRPS PSU

VERTICAL ORIENTATION



SYSTEM

Processor	- Intel® Core™ Series 2 and 14th/13th/12th Gen Intel® Core™ processors in LGA1700 package, 125W TDP - 8x DMI 4.0 - Supporting Intel® Turbo Boost, Hyper-Threading, Virtualization, Thermal Monitoring, Trusted Execution and Speed Step Technology (depends on CPU)
Chipset	Intel® R680E/Q670E
BIOS	AMI uEFI BIOS
Memory	- Supports up to 64GB DDR5 4800MHz SDRAM on two 262-pin SO-DIMM sockets - Supports both ECC and non-ECC
Storage Devices	- 1x Hot swappable SATAIII drive bay - 1x M.2 Type M 2280
Graphics Controller	Intel® UHD Graphics 770/730/710*; support DirectX 12, OpenGL 4.6/4.5*, OpenCL 3.0, Vulkan 1.4 *Depending on CPU SKU
Watchdog Timer	Programmable watchdog timer, time out period from 0.5 sec to 254.5 secs.
Hardware Monitoring	System monitor(Voltage, Fan Speed and Temperature)
Expansion Interface	- 2x PCIe Gen 5 x16 slots (1 x16 or 2 x8 signal) - 2x PCIe Gen 4 x4 slots

I/O INTERFACE

Display	- 1x DP 1.4: up to 7680x4320 @ 60Hz - 1x HDMI 2.1: up to 4096x2160 @ 60Hz
USB	- 2x USB 3.2 Gen 2 ports on Rear I/O (10Gb/s) - 2x USB 3.2 Gen 1 ports on Rear I/O (5Gb/s) - 4x USB 3.2 ports in the front
Ethernet	- Marvell AQC114C 5G Gigabit Ethernet controller - 2x 5GbE ports
Audio	Realtek ALC888S HDA codec, one 7.1 channel onboard audio pin header

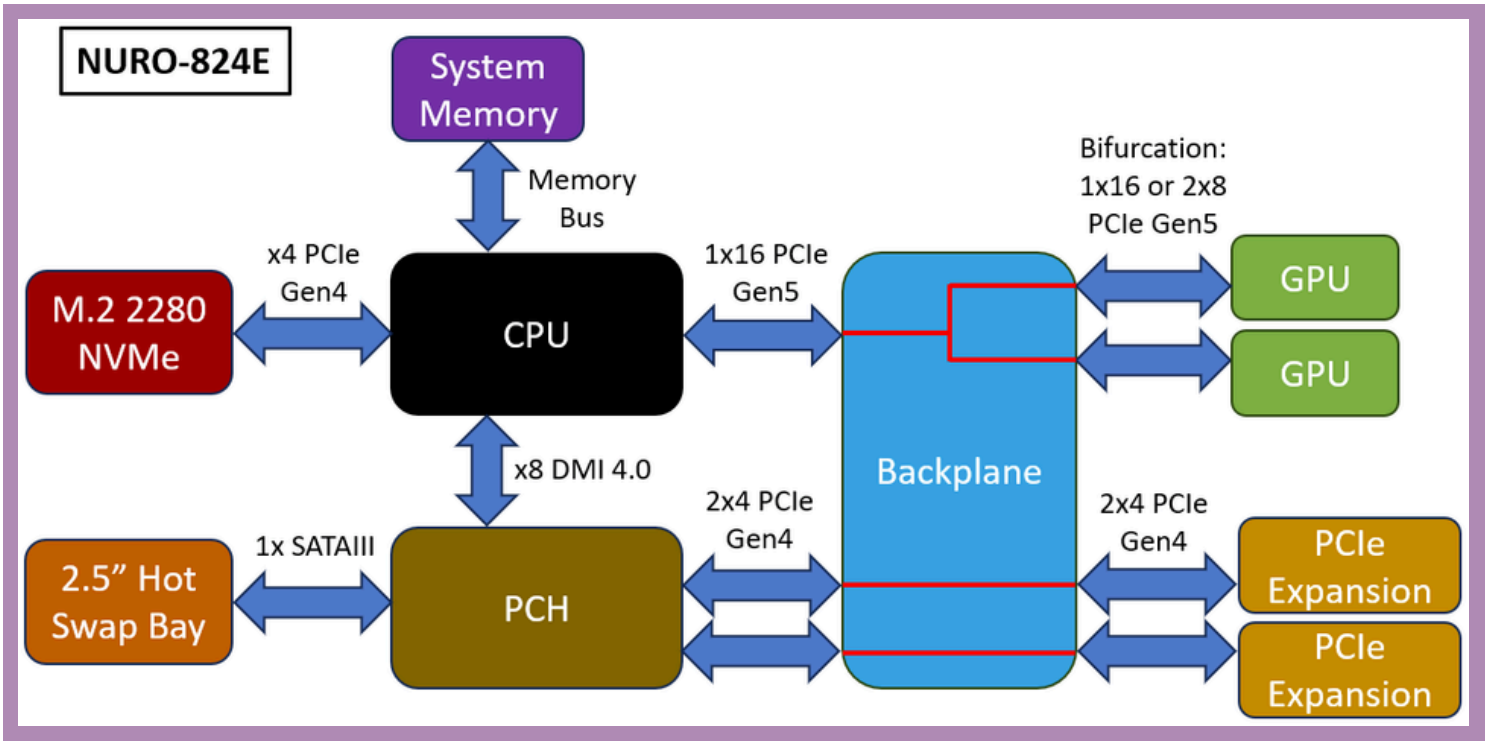
MECHANICAL & ENVIRONMENT

Dimension (WxHxL)	19.3cm x 18.9cm x 47.5cm (7.6" x 7.4" x 18.7")
Power Input	1x 1600W Swappable CRPS PSU (100-240VAC)
Environment	- Operation Temperature: 0°C to 50°C - Storage Temperature: -20°C to 80°C - Relative Humidity: 10~95%, RH
Weight	7.8kg (17.2 lbs)

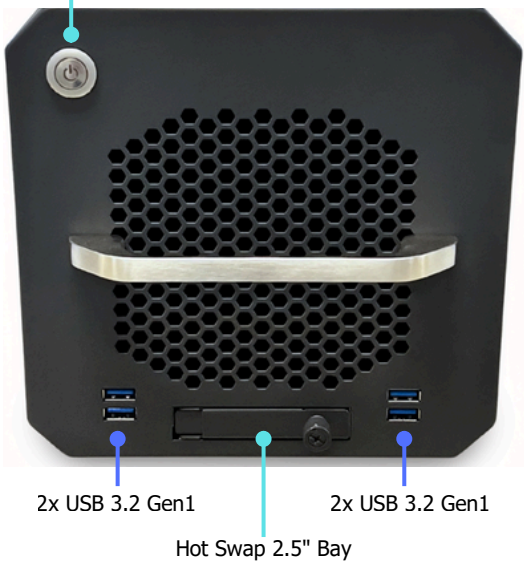
Portwell

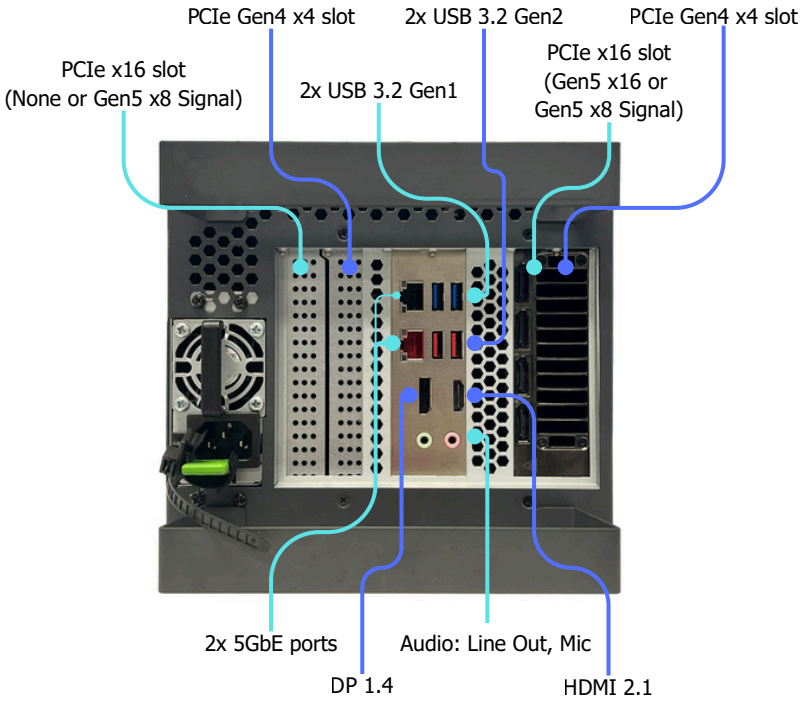
*All information provided is subject to change without notice. Last updated: July 6, 2026

SYSTEM TOPOLOGY DIAGRAM



I/O PORTS





Portwell

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