Edge D100 Ampere

INCREDIBLE PERFORMANCE, UNBELIEVABLE PORTABILITY

Edge by NextComputing is a unique, high performance computer line for content creation, VR, and CAD developers and much more.

The Edge D100 Ampere features high-end workstation performance in an impossibly small package that easily fits into the most limited work spaces. The integrated 17.3" LCD means no additional display to transport and setup.

Edge D100 Ampere meets the performance demands of 10K video production and editing, 3D animation, 3D modeling, live streaming, 360 live stitching, engineering, simulation and data visualization, while still maintaining the benefits of portability.

THE CREATIVE EDGE

- Compact portable system with integrated display and desktop-workstation performance

- Sleek, mobile design for making an impression at demos, tradeshows, and while travelling

HIGH PERFORMANCE

- Supports the entire Ampere processor family

- Available with full size professional GPUs

- Range of internal storage options including PCI Express card based SSDs and SATA based SSDs for increased I/O performance

Edge D100 Ampere

Display	Integrated 17.3" (439.42 mm) LED LCD (1920×1080) with scratch-resistant glass
Available CPUs	Single socket Ampere® Altra® Processor from 32 to 128 Cores up to 250W TDP
Memory	Up to 1TB RAM
PCI Expansion	(4) full-length PCIe 4.0 x16 slots
GPUs	• Single-width or dual-width PNY NVIDIA GPU card options available • Multi GPU card configuration options available
AI	Configurations available with up to (5) NVIDIA A2 Tensor Core GPU for Artificial Intelligence (AI)/machine learning at the Edge

Storage	• (1) M.2 PCIe Gen3 NVMe OS/application SSD for fast boot and load, up to 7.68TB
	• Upgrade Options (Motherboard dependent. Ask a NextComputing Sales Engineer):
	  » Up to (2) additional M.2 SSDs up to 7.68TB each
	  » Up to (2) no-tools removable 2.5" 9.5mm SSDs up to 7.68TB each -or- up to (2) fixed 2.5" Solid State Drives up to 7.68TB each
	  » With optional 680W PSU: Up to (3) fixed 3.5" SATA/SAS hard drives, up to 16TB each (restricts PCI Express cards to half length only)

RAID	Options for onboard SATA RAID 0/1/5/10, or via add-on PCIe RAID controller. Ask a NextComputing Sales Engineer.
Operating Systems	• Ubuntu 22.04 and (24.04 May release) • Red Hat 8, 9 Enterprise Linux, CentOS and Rocky Linux • Windows Server 2025 (Insider Preview) • Windows 11 24H2
Power	• 650W SFX 80 PLUS Gold certified fully modular power supply; 90- 264V, 47-63Hz auto-switching Addtional upgrades available: • 800W SFX 110/220V, 50/60Hz auto-switching 80 PLUS rated power supply PSU – Cards in PCI Express slots are limited to 9" in length • 680W 1U 110/220V, 50/60Hz auto-switching 80 PLUS rated power supply PSU – required for upgrade to 3.5" drives, which restricts PCI Express cards to half length only
Physical	6.67" (169.41mm) D x 16.75" (425.45mm) W x 13.69" (347.73mm) H
Carrying Cases	• Includes soft carrying case • Optional hardened cases and rolling transit cases available
Warranty	3 years parts and labor