EDGE P100

IMPOSSIBLY SMALL SYSTEM FOR CREATIVE PROFESSIONALS

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

Edge P100 All-in-One (AIO) portable computer delivers optimized performance with workstation class components, custom designed for innovative creative professionals on the go. The system is impossibly small and accommodates high-end processing and graphics with a beautiful 17” 1920x1200 integrated HD display.

It features powerful processors from Intel and AMD with fhigh CPU core count for 3D rendering of images and animations, encoding videos, and Elastic/Kibana data visualization use cases and fast CPU clock speeds for 3D modeling use cases.

Edge P100 is small enough to take onboard an airplane, ideal for client demos, offsite development, telecommuting and tradeshows.

When your laptop won’t cut it, take your portable performance to the Edge.

THE CREATIVE EDGE

- Impossibly small footprint
- Integrated full HD 17” display
- Portability for demos, travel and tradeshows

HIGH PERFORMANCE

- Intel Xeon, Intel Core, AMD Ryzen, or AMD EPYC
- 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 P100

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Display	Integrated 17.3” (439.42 mm) LED LCD (1920x1080) with scratch-resistant glass
Available CPUs	The following processors utilize silent liquid cooling: • Single Intel® Core™ X series processor • Single Intel® Core™ processor • Single Intel® Xeon processor • Single AMD Ryzen processor The following processors utilize air cooling: • Single AMD EPYC™ series processor • Single Intel Xeon Gold or Platinum processor from 8-cores (16 threads) to 24 Cores (48 threads) per processor
Memory	• With Intel Core X Series and Core i9: Up to 128GB • With Intel Core i7: Up to 64GB • With AMD Ryzen 7: Up to 64GB • With Intel Xeon series: Up to 512GB • With AMD EPYC series: Up to 512TB
Motherboards	• Intel Z370 (ATX) • Intel C422 (CEB) • AMD X470 (ATX)
Cooling	All motherboards feature acoustically quiet system/PSU fans
PCI Expansion	(1) dual-slot or up to (2) single-slot PCI Express 3.0 x16 cards, up to 10.5” (266.7mm) in length
GPUs	Single-width or dual-width PNY NVIDIA GPU card options available, up to 10.5” card length
AI	Configurations available with (1) 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) internal 2.5” 9.5mm SSDs up to 7.68TB 6G SATA or 15.36TB 12G SAS each
RAID	Options for onboard SATA RAID 0/1/5/10, or via add-on PCIe RAID controller. Ask a NextComputing Sales Engineer.
Operating Systems	• Windows 10 64-Bit Pro • Additional OSs available: Windows Server, CentOS, Red Hat and other Linux distributions, VMWare vSphere
Power	650W SFX 80 PLUS Gold certified fully modular power supply; 90- 264V, 47-63Hz auto-switching
Physical	4.30” (109.22mm) D x 17.33” (440.18mm) W x 14.76” (374.9mm) H, 15-18 lbs. (depending on configuration) Operating temp: 0-30° C
Carrying Cases	• Includes soft carrying case • Optional hard case with telescoping handle and wheels (TSA compliant)
Warranty	3 years parts and labor

Built to offer the best performance for applications such as					
3ds Max	ArchiCAD	CINEMA 4D	Maya	Octane Render	SOLIDWORKS
Adobe Creative Cloud	Arnold	DaVinci Resolve	Mental Ray	ReCap 360	V-Ray
AMD ProRender	AutoCAD	Inventor	Navisworks	Revit	Virtual Reality
ANSYS	CATiA	KeyShot	NVIDIA Iray	Solid Edge	