

NUCLEUS CAPTURE 20X2

As network bandwidth usage increases dramatically in both the enterprise and consumer markets, your customers need ways to capture sufficient amounts of data to make informed decisions about their networks. Solution providers must offer the best systems at a reasonable cost, whether it's for optimizing traffic, enforcing security, or monitoring application performance. With that expectation comes demands on the hardware, and typical NAS or SAN products are not ideal for use as network monitoring devices.

NextComputing engineered the Nucleus Capture 20x2 to fulfill the needs of OEM solution providers and integrators looking for a powerful, reliable, and customizable platform for high-speed data recording.

The Nucleus Capture 20x2 enables very high sustained write-to-disk rates for capturing network traffic at full 10Gb/s line rate or higher, while flexible I/O provides future expansion to faster interfaces such as 40G and 100G Ethernet. Finally, fast, multi-core processors can accelerate your applications by leveraging high-throughput Intel processor architecture for more efficient analysis of captured traffic.

Like all NextComputing products, the Nucleus Capture 20x2 is completely customizable, including custom branding of your logo, software validation, and product configuration control to ensure your appliance is delivered to your customer consistently every time.

20 front-access removable hard drives

Separate OS/ application drives

Workstation-class processors

Up to 512GB DDR4 memory

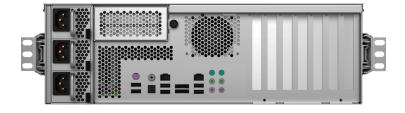
Up to 7 full-length, fullheight PCI Express slots

Redundant AC or DC power supplies

Short 20" rack depth, 3U height



Front view



Rear view



OVERVIEW

Available CPUs	Single Intel Core, Intel Xeon, AMD Ryzen, or AMD EPYC processor Single or dual Intel Xeon processors
Memory U	p to 512GB DDR4 2133MHz RAM
PCI Expansion	lp to (7) full-length, full-height PCI Express 3.0 slots
Removable Storage	Up to (20) front-access removable SATA, SAS, or Solid State hard drives Up to (2) rear-access removable SATA, SAS, or Solid State hard drives
Available Drive	- The case of the
RAID 0	Onboard RAID 0/1/5/10, or via add-on PCIe RAID controller
Onerating Systems	Windows Server, Windows 10 Pro CentOS, Red Hat and other Linux distributions, VMWare ESXi and other virtualization environments
Power	140000 400 400 400 400 400 400 400 400 4
Physical •	16.5" (419.1mm) W—not including side rails x 5.25" (133.35mm) H x 20" (508mm) D
	Rugged rolling transit cases in 4U, 6U, and 8U sizes 1U, 17" folding rack-mount LCD console with keyboard, touchpad, and 8-port KVM DVD-RW / BluRay optical drive
Warranty 1	year parts and labor; 2nd and 3rd year warranties available



4 Townsend West, Building 17, Nashua, NH 03063 Phone: 1 (603) 886-3874 • Fax: 1 (603) 886-1736 www.NextComputing.com • sales@Nextcomputing.com