



Network Data Recorder

DXR captures and indexes all network traffic at up to 40 Gbps within a compact 1U-to-4U package installed in your data center(s). Its dense solid-state storage technology, with up to 768TB of capacity, records up to several months of full-network traffic data and makes it available to cybersecurity experts conducting detailed analyses of security incidents.

DXR is part of CyberCastle, CyberESI's comprehensive security monitoring and management service. Installed within your network, it connects securely to our Security Operations Center, and is used in conjunction with our sophisticated intrusion detection system and threat intelligence platform to identify the cyber kill chain, including zero-day threats,* that bypass traditional defenses. When an intrusion is detected, DXR delivers full-network visibility before, during and after an attack. This enables CyberESI's cybersecurity experts to prevent additional loss of data and damage to your network and to identify the scope of a particular data breach.



DXR Advantages

DXR provides a high-speed packet capture solution that can be deployed throughout your operating environment, from branch offices to the data center:

- Contains capture speeds of up to 40 Gbps, allowing for full-packet capture on the busiest network connections.
- Provides flexible storage, beginning at 4TB and expandable up to 768TB in a single unit with expansion beyond by chaining multiple units together.
- Incorporates modular architecture that enables coverage across broad, geographically dispersed networks.
- Requires significantly less power consumption and heat generation than a traditional storage area network (SAN).
- Affords low total cost of ownership compared with other storage solutions.
- Offers various redundancy, RAID configurations.

Like the other components of the CyberCastle system, DXR benefits from the intelligence gathered by CXR, CyberESI's threat intel platform, which combines multiple threat data sources with patented techniques to offer proactive protection for your network from fast-evolving threats.

Why You Need DXR

CyberESI was founded on the principle that **network visibility** is the bedrock of cybersecurity. The question is not *whether* you will be breached – but *when*. Network vulnerabilities and cyber-defense limitations make it inevitable. DXR is a key component in the CyberCastle high-visibility platform, which returns control of cyber-defense to our customers and turns the tables on sophisticated attacks.

Technical Specifications

	DXR 10	DXR 100	DXR 200	DXR 400
Network Bandwidth (max)	250 Mbps	1 Gbps	10 Gbps	10 Gbps (options up to 40 Gbps**)
Raw Storage (max)	32 TB	64 TB	120 TB	768 TB
Network Card	1 Gbps, 2xRJ45 onboard and 2x RJ45 NIC	1 Gbps, 1x RJ45 IPMI, 2xRJ45 onboard, and 2x RJ45 NIC	10 Gbps, 1x RJ45 IPMI, 2xRJ45 onboard, and 2x 10GRJ45.	10 Gbps, 1x RJ45 IPMI, 2xRJ45 onboard, and 2x 10GRJ45.
Processor	One 8 core CPU. Hyper threading support for 16 threads	Two 8 Core CPU's. Hyper threading support for 32 threads	Two 10 Core CPU's. Hyper threading support for 40 threads	Two 10 Core CPU's. Hyper threading support for 40 threads
Memory	32GB	64GB	128GB	128GB
Dimensions	15.5" x 17"x 1.5"	19" x 1.75" x 25.2"	19" x 3.5" x 25.2"	19" x 7" x 25.2"
Form Factor (Rack Unit)	Mini 1U	1U	2U	4U

** 40 Gbps network bandwidth available based on a custom design to meet specific infrastructure requirements. Optional NIC interface cards available. Specifications subject to change.

About CyberCastle

CyberCastle is the comprehensive security monitoring and management service from CyberESI. CyberCastle provides **defense in depth** that continuously adapts to the latest cyber threats to keep your data, applications and critical infrastructure secure. We designed CyberCastle to jump a high bar: delivering superior performance at a competitive price for the small-to-midsize organization whose cybersecurity exposure is growing faster than its resources.



About CyberESI

Founded in 2010 by a team of cybersecurity experts, CyberESI is a Managed Security Service Provider focused on the midsize enterprise with expanding cybersecurity needs. We focus on 24x7x365 remote security monitoring and management of your mission-critical networks. In addition, we offer a full range of professional services that assess your risks, establish the right policies to meet them and design in-depth network defenses.

**A zero-day threat refers to previously unknown computer viruses or other malware for which specific defenses do not yet exist.*



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