

## Series 7000 EndaceProbe



Series 7000 EndaceProbes™ are a 3U, multi-function, packet capture and analysis system. With carefully selected and optimized system components that deliver highly predictable performance, EndaceProbes leverage the integrated power of Endace DAG® card technology. They also provide significant traffic processing capability with up to 32TB of traffic storage and twin 6-core Intel Westmere processors.

The 7000 EndaceProbe can be configured with a range of different port configurations depending on the deployment scenario. For Ethernet deployments, the EndaceProbe supports up to 20 x 1 GbE monitoring ports or 10 x 10 GbE monitoring ports.

EndaceProbes run the proprietary Endace Operating System for monitoring (OSm), which facilitates the central management capabilities common to all Endace Systems. In addition, OSm enables all the Endace Network Visibility modules and the Endace Application Dock.

- Purpose-built 3U packet capture and analysis system incorporating up to 32TB of on-board storage.
- A range of DAG card combinations and configurations to suit your specific monitoring requirements. Up to 20-port GbE, 10-port 10GbE
- Ideally suited to deployment scenarios where high throughput is required, but not necessarily high capture capability.

### KEY FEATURES

- Up to 20 monitoring ports
- 12 Intel Westmere processing cores
- Up to 48GB of RAM
- Up to 32TB of on-board storage (SATA) or 9.6TB of on-board storage (SAS)
- Standard 19" rack-mount form factor
- Redundant PSU
- Industry certified
- Fully warranted and supported
- Multi-function capable
- Up to 10Gb/s write-to-disk



## EndaceProbe 7000 – Technical specifications

Processing cores	12x 2.8GHz Intel 5600 Series (Westmere)
Memory	24GB or 48GB DDR3
System drive	250GB Solid State Drive
Hot swap data drives	16 x1TB/2TB SATA RAID 16 x 600GB SAS
Management interfaces	2x 10/100/1GbE and 1 IPMI
Power supply	1200W AC
Size	3U -19 inch rack mount
Dimensions	Height: 5.2" (132mm) Width: 17.2" (437mm) Length: 25.5" (648mm)
Weight	79lb (35.9kg) approximately depending on configuration
Maximum power consumption	850W
Operating temperature	50-95°F (10-35°C)
Operating humidity	8-90% non-condensing
Max heat load in British thermal/hr	2115.5268 BTU/HR

## Monitoring Ports

Interface type	Max ports
GbE	20
10GbE LAN	10

Combinations available to suit specific monitoring requirements



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

## Performance Metrics

Metric	Measurement
Capture to disk rate <sup>1</sup>	7Gb/s with SATA 10Gb/s with SAS
Combined processing performance <sup>2</sup>	20Gb/s

<sup>1</sup> Characterizes the sustained write-to-disk performance from user-space to the storage array when configured in RAID 0. Guideline figure based on simulated usage.

<sup>2</sup> This is a theoretical figure based on average throughput. Specifics depend upon customer deployment scenario and individual rule sets.

## Companion Products

The following products are compatible with Series 7000 EndaceProbes:

### Transceivers

A range of fiber optic and electrical transceivers for all Endace supported interfaces are available	
------------------------------------------------------------------------------------------------------	--

### Time Measurement Accessories

Trimble Acutime™ Gold GPS receiver	GPS-2
EndRun Technologies Præcis Ct™ CDMA receiver	CDMA-1
Endace 2-port Time Distribution Server, accepts serial input from GPS/CDMA sources	TDS-2
Endace 6-port expansion module for TDS-2, shares common reference time source	TDS-6
Endace 24-port Time Distribution Server. Accepts and distributes a 1PPS or IRIG-B timing signal	TDS-24

For more information about Taps, Switches, and Cables, visit [endace.com/accessories](http://endace.com/accessories)

For more information on Endace products visit: [endace.com](http://endace.com)  
For enquiries email: [enquiries@endace.com](mailto:enquiries@endace.com)