

Series 300 EndaceProbe



The Series 300 EndaceProbe™ is a 1U, multi-function, packet capture and analysis system. With carefully selected and optimised system components that deliver highly predictable performance, the Series 300, like all EndaceProbes, leverages the integrated power of Endace DAG® I/O technology. It also provides significant traffic processing capability with up to 4TB of traffic storage and a twin quad Intel Xeon processor.

The Series 300 EndaceProbe can be configured with a range of different port configurations depending on the deployment scenario. For Ethernet deployments, the EndaceProbe supports 8 x 1GbE monitoring ports.

EndaceProbes run our Endace Operating System for monitoring (OSm), which provides the central management capabilities common to all Endace Systems. In addition, OSm enables all the Endace Network Visibility modules – best-of-breed network monitoring and security tools – and the Endace Application Dock, a multi-application hosting environment supporting a wide range of custom, open-source, and third-party network monitoring and security applications.

- Purpose-built 1U packet capture and analysis system incorporating up to 4TB of on-board storage
- A range of DAG card combinations and configurations to suit your specific monitoring requirements
- Ideally suited to deployment scenarios where high throughput is required, but high capture capability is not necessary.

KEY FEATURES

- 8 monitoring ports
- 8 Intel Xeon processing cores
- Up to 16GB of RAM
- Up to 4TB of on-board storage
- Standard 19" rack-mount form factor
- Industry certified
- Fully warranted and supported
- Multi-function capable



EndaceProbe 300 – Technical specifications

Processing cores	8x2.00GHz Intel Xeon E5504
Memory	16GB DDR3
System drive	120GB Solid State Drive
Hot swap data drives	4x 1TB SATA RAID
Management interfaces	2x 10/100/1GbE and 1 IPMI
Power supply	650W AC
Size	1U -19 inch rack mount
Dimensions	Height: 1.7" (43mm) Width: 17.2" (437mm) Length: 25.6" (650mm)
Weight	46lb (20.9kg) approximately depending on configuration
Maximum power consumption	500W
Operating temperature	50-95°F (10-35°C)
Operating humidity	8-90% non-condensing
Max heat load in British thermal/hr	1706.07 BTU/HR

Monitoring Ports

Interface type	Max ports
GbE	8

Combinations available to suit specific monitoring requirements

Performance Metrics

Metric	Measurement
Capture to disk rate ¹	1Gb/s
Combined processing performance ²	5Gb/s

¹ 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.

² 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 300 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



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

For more information on Endace products visit: endace.com
For enquiries email: enquiries@endace.com