

Coyote Point Equalizer range

quick comparison



	E250si	E350si	E450si	E550si	E650si
Layer 4 Load Balancing	Yes	Yes	Yes	Yes	Yes
Layer 7 Load Balancing	N/A	Yes	Yes	Yes	Yes
SSL Offload Acceleration	N/A	Yes, software	Yes, software	Yes, software	Yes, Xcel Hardware 2,000 TPS
SSL Offload Hardware	N/A	Optional Xcel	Optional Xcel	Optional Xcel	Yes, Xcel Hardware 2,000 TPS
HTTP Web Compression	N/A	Optional Express	Optional Express	Optional Express	Yes, Express Hardware 1 Gb/s Throughput
Envoy (GLSB) Global Server Load Balancing	N/A	Optional	Optional	Optional	Yes, Envoy (GSLB)
Equalizer VLB	N/A	Free Download	Free Download	Free Download	Included
Max Clusters	64	Unlimited	Unlimited	Unlimited	Unlimited
Real Servers per Cluster	16	32	128	512	512
Throughput	60 Mbps	775 Mbps	850 Mbps	1 Gbps	1 Gbps
Max Concurrent Connections	100 K	2 Million	8 Million	12 Million	12 Million
Ethernet Connectivity	5 x 10/100	8 x 10/100 1 x Gigabit	16 x 10/100 1 x Gigabit	21 x Gigabit	21 x Gigabit

E250si Specifications

Load Balancing Algorithms

Round robin, weighted round robin, least connections, weighted least connections, server latency, direct server measurement.

Standards Supported

DNS, most UDP- and TCP/IP-based protocols, HTTP, HTTPS (SSL), SMTP, POP, IMAP, NNTP, FTP, streaming media, Active Server Pages, SQL. UDP/IP based protocols, including DNS, WAP, RADIUS and others.

Server Failure Detection

ICMP and TCP health check.

Fault Tolerance

Full system-level redundancy supported (requires two Equalizers). Server heartbeat and configuration data exchanges over attached Ethernet(s).

Management

Secure Web-based management and command line interface via Serial, SSH.

Reporting

Up to seven days' performance history recorded. Highly detailed graphical reports with very fine granularity.

E250si performance and capacity	
Throughput	60Mbps
Clusters	64
Servers per Cluster	16
Max Servers	1024
Max Concurrent Connections	100,000
Ethernet Connectivity	5 x 10/100

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E350si/E450si Specifications

Acceleration Algorithms

Server latency, adaptive weighted server latency, least connections, weighted least connections, round robin, weighted round robin, direct server measurement.

Persistence Methods

Cookies, sticky connections, header match rules.

Applications Supported

DNS, most UDP- and TCP/IP-based protocols, HTTP, HTTPS (SSL), SMTP, POP, IMAP, NNTP, FTP, streaming media, Active Server Pages, SQL, UDP/IP based protocols, including DNS, WAP, RADIUS and others.

Server Failure Detection

Layer 7 via active content verification. Layer 4 via ICMP and TCP health check.

Fault Tolerance

Full system-level redundancy supported (requires two Equalizers). Server heartbeat and configuration data exchanges over attached Ethernet(s).

Management

Secure Web-based management, SNMP (E450si only), command line interface via Serial, SSH.

Reporting

Records up to seven days' performance history. Delivers highly detailed graphical reports with very fine granularity.

E550si Specifications

Acceleration Algorithms

Server latency, adaptive weighted server latency, least connections, weighted least connections, round robin, weighted round robin, direct server measurement.

Persistence Methods

Cookies, sticky connections, header match rules.

Applications Supported

DNS, most UDP- and TCP/IP-based protocols, HTTP, HTTPS (SSL), SMTP, POP, IMAP, NNTP, FTP, streaming media, Active Server Pages, SQL, UDP/IP based protocols, including DNS, WAP, RADIUS and others.

Server Failure Detection

Layer 7 via active content verification. Layer 4 via ICMP and TCP health check.

Fault Tolerance

Full system-level redundancy supported (requires two Equalizers). Server heartbeat and configuration data exchanges over attached Ethernet(s).

Management

Secure Web-based management, SNMP, command line interface via Serial, SSH.

Reporting

Records up to seven days' performance history. Delivers highly detailed graphical reports with very fine granularity.

E350si performance and capacity

L7 Requests/Sec	45,000
Throughput	850 Mbps
Clusters	Unlimited
Servers per Cluster	128
Max Servers	Unlimited
Max Concurrent Connections	8 Million
Ethernet Connectivity	16 x 10/100 1 x 10/100/1000

E450si performance and capacity

L7 Requests/Sec	50,000
Throughput	775 Mbps
Clusters	Unlimited
Servers per Cluster	32
Max Servers	Unlimited
Max Concurrent Connections	2 Million
Ethernet Connectivity	8 x 10/100 1 x 10/100/1000

E550si performance and capacity

L7 Requests/Sec	100,000
Throughput	1 Gbps
Clusters	Unlimited
Servers per Cluster	512
Max Servers	Unlimited
Max Concurrent Connections	12 Million
Ethernet Connectivity	21 x 10/100/1000

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E650si Specifications

Acceleration Algorithms

Server latency, adaptive weighted server latency, least connections, weighted least connections, round robin, weighted round robin, direct server measurement.

Persistence Methods

Cookies, sticky connections, client IP, client network, header match rules.

Applications Supported

All Web/HTTP based applications, including PHP, ASP, Oracle, Apache, etc. Microsoft Products including SharePoint, Exchange, Outlook Web Access and Remote Desktop. SSL VPN, Database clustering, Email services, Streaming Media.

Compression Algorithm

GZIP

Data Compressed

HTML, Office Document, Executables (.Exe), XML, CSS, PDF, SHTML, DHTML, JHTML, PHTML, JavaScript, JSP and other similar files.

Cryptographic Functions Supported

IP Security, Secure Sockets Layer (SSL), Transport Layer Security (TLS), Internet Key Exchange (IKE), Private Key Encryption/Authentication, DES-CBC, 3DES-CBC, RC4, SHA-1, MD5, Public Key, Diffie-Hellman, RSA, DSA, Hardware Random Number Generator.

Server Failure Detection

Layer 7 via active content verification. Layer 4 via ICMP and TCP health check.

Fault Tolerance

Full system-level redundancy supported (requires two Equalizers). Server heartbeat and configuration data exchanges over attached Ethernet(s).

Management

Secure Web-based administration and management GUI, SNMP, command line interface via Serial, SSH.

Reporting

Records up to seven days' performance history. Delivers highly detailed graphical reports with very fine granularity.

E650si performance and capacity	
L7 Requests/Sec	100,000
Throughput	All Gigabit
Clusters	Unlimited
Servers per Cluster	512
Max Servers	Unlimited
Max Concurrent Connections	12 Million
Ethernet Connectivity	21 x 10/100/1000
Compression Throughput	1 Gb/sec
SSL Offloading	2,000 Transactions/sec
Military Grade Security	Up to 4,096 bit keys
Network Topologies	Full-NAT, Half-NAT, Direct Server Return (DSR)



If you'd like to know more about the Coyote Point Equalizer range, then contact UK and Ireland Distributor ipcortex on 01908 276650, or via email: info@ipcortex.co.uk

www.ipcortex.co.uk