

# Citrix NetScaler Application Delivery Systems

Web application delivery solutions delivering acceleration, traffic management and application protection


Citrix® NetScaler® Application Delivery Systems accelerate the performance of applications by up to five times, while providing comprehensive L4-7 traffic management, server offload capabilities and essential application protection. The NetScaler Application Delivery product line consists of Citrix NetScaler Platinum, Enterprise, and Standard Editions.

Citrix NetScaler Application Delivery products are easily selected by determining the edition providing functional needs and the appropriate hardware platform to fulfill performance needs.

Key features of Citrix NetScaler	Platinum Edition	Enterprise Edition	Standard Edition
Accelerating and monitoring application performance			
Citrix® AppCompress™ for HTTP	●	●	●
Citrix® AppCache™	●	●	●
Client and Server TCP Optimizations	●	●	●
Citrix EdgeSight™ for NetScaler	●	●	●
Enhancing application security and availability			
NetScaler Application Firewall	●	●	●
L4 Load Balancing	●	●	●
L7 Content Switching	●	●	●
L4 DoS Defenses	●	●	●
L7 Content Filtering	●	●	●
L7 DoS Defenses	●	●	●
Global Server Load Balancing (GSLB)	●	●	●
Dynamic Routing Protocols	●	●	●
Surge Protection	●	●	●
Access Gateway, EE SSL VPN	●	●	●
HTTP Rewrite	●	●	●
Priority Queuing	●	●	●
Improving data center efficiency			
TCP Multiplexing	●	●	●
TCP Buffering	●	●	●
SSL Offload and Acceleration	●	●	●
Cache Redirection	●	●	●
Available hardware platforms			
	12000, 10010, 9010, 7000	12000, 10010, 9010, 7000	9010, 7000

● = Standard    ● = Option

Citrix NetScaler Application Delivery system products are available on a range of hardware platforms to meet any deployment need.

Hardware platforms	12000	10010	9010	7000
				
<b>Editions</b>				
Platinum Edition	•	•	•	•
Enterprise Edition	•	•	•	•
Standard Edition			•	•
<b>Platform attributes</b>				
Processor	Dual	Single	Single	Single
Memory	4 GB	4 GB	2 GB	1 GB
Ethernet Ports	8x1000 (SFP) Cu or 8x1000 (SFP) Fiber or 4x1000 SFP and 4x1000 (SFP) Optical  1x 100/10BASE-T (Mgmt) 10 Gigabit Fiber (XFP) available	4x Gbit SFP Copper or Optical and 4x 1000/100/10BASE-T and 1x 100/10BASE-T (Mgmt)	4x Gbit SFP Copper or Optical or 4x 1000/100/10BASE-T and 1x 100/10BASE-T (Mgmt)	2x 1000/100/10BASE-T  6x 100/10BASE-T
FIPS Support			Available	
<b>Platform performance</b>				
HTTP Requests/Sec	275,000	250,000	125,000	50,000
SSL Transactions/Sec	28,000	8,800	4,400	4,400
SSL Throughput, Mbps	3,000	760	500	150
Compression Throughput, Mbps	1,300	555	400	150
System Throughput, Mbps	6,000	4,800	3,000	600
<b>Platform mechanical, environmental, and regulatory</b>				
Power Supplies	Dual	Dual	Dual	Single
Input Voltage and Frequency Ranges	100-240VAC Full Range, 47-63 Hz	100-240VAC Full Range, 47-63 Hz	100-240VAC Full Range, 47-63 Hz	100-240VAC Full Range, 47-63 Hz
Power Consumption	500w 1707.59 BTU/Hr	500w 1707.59 BTU/Hr	500w 1707.59 BTU/Hr	250w 853.8 BTU/Hr
Weight, lbs	52	52	52	28
Height	2U	2U	2U	1U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D Rack Width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D Rack Width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D Rack Width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D Rack Width with mounting brackets
Depth	24" / 61cm	24" / 61cm	24" / 61cm	18.75" / 47.6cm
Operating Temperature	0-50C	0-50C	0-50C	0-50C
Allowed Relative Humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety Certifications	UL, TUV-C	UL, TUV-C	UL, TUV-C	UL, TUV-C
Electromagnetic Emissions Certifications and Susceptibility Standards	FCC (Part 15 Class A), DoC, CE,VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE,VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE,VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE,VCCI, CNS, AN/NES
Compliance	RoHS	RoHS	RoHS	RoHS