

Silver Peak NX-10700



The NX-10700 is a 2U appliance that supports 2.5 Gbps WAN bandwidth and 1.6 TB resilient local data store. The NX-10700 is the largest WAN optimization appliance in the industry, making it the highest performing and most cost effective solution for the largest of data centers.

The NX-10700 is the current shipping model within the NX-10K series

Capacity	
WAN Bandwidth Capacity (all features + encryption)	2.5 Gbps
Simultaneous Connections	256,000
Local Data Store	1.6 TB (16 x 100 GB) SSD
Resiliency	
Power Supplies	Dual redundant
Network	1+1 and N+1 with VRRP or WCCP
RAM	ECC memory
Security	
Disk Encryption	128-bit AES
Network Encryption	IPSec (128-bit AES)
Connectivity	
LAN/WAN Ethernet	4 x 10 Gbps fiber (2 LAN/ 2 WAN)
Management	2 x 10/100/1000; RS-232 serial port
Deployment	
In-line (Bridge) Mode	In-line between L2 switch and WAN router
Out-of-Path (Router) Mode	Attached to WAN router out-of-path with PBR redirection, WCCP, and VRRP
Power	
Requirement	100-240VAC / 47-63Hz / 600 W / 2048 BTU
Power Supplies	1 + 1 Redundant
Dimensions	
Height	3.5 in (89 mm) / 2 U
Width	16.9 in (430 mm)
Depth	26 in (660 mm)
Weight	47 lbs (21.2 kg)
Regulatory	
EMC	FCC Part 15 Class A, EN 55022 Class A, VCCI Class A, En 61000-3-2/3-3, En 55024
Safety	UL/cUL/60950, En 60950
Environmental	
Temperature (Operating)	10° C to 40° C (50° F to 104° C)
Temperature (Storage)	-40° C to 65° C (-40° F to 149° F)
Humidity	8% to 90% relative humidity non-condensing
Management	
CLI	Full-featured CLI available over DB-9 console port via SSH
GUI	<ul style="list-style-type: none"> • Web-based Appliance Manager available via HTTPS (default) or HTTP • Global Management Systems (GMS) provides centralized configuration, monitoring, and management of multiple NX appliance
SNMP	SNMPv2c, SNMPv3
Secure Access	SSH and HTTPS
Logging	Syslog with configurable levels. Email alerts
Authentication	Local database, RADIUS, TACACS+
Statistics	Graphing and monitoring, real-time and historical