

Data Sheet

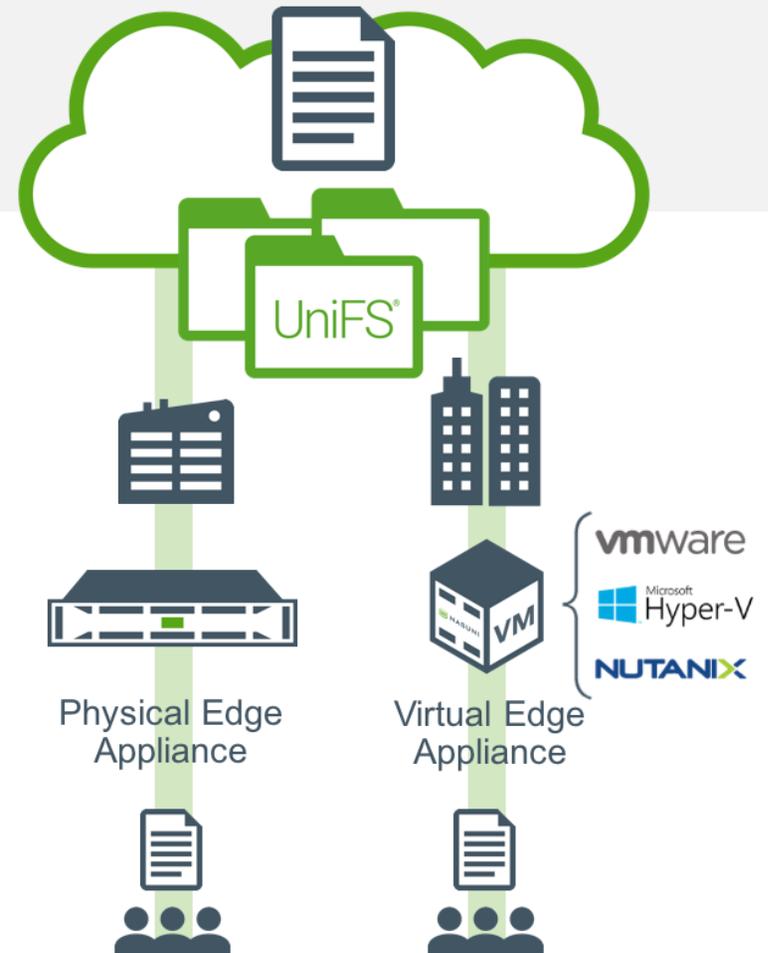
Nasuni Edge Appliance

Nasuni Edge Appliances located on-premises securely transmit all files instantly to the cloud using customer-owned encryption keys, while locally caching only the active files to provide “NAS-like” file access. Whether you deploy virtual appliances using your existing infrastructure, or physical appliances supplied by Nasuni, you’ll get the same secure, high-performance access to your unstructured data.

Edge Appliances are stateless; any number can be deployed to meet business requirements. Multiple appliances located anywhere in the world can mount the same volumes, providing universal access to Nasuni UniFS®, Nasuni’s cloud-native global file system. Virtual and physical appliances can be mixed and matched within the same customer environments.

All Edge Appliances present file shares via standard NAS protocols (CIFS, NFS) and integrate with Active Directory and LDAP to leverage existing authentication and access policies.

Virtual Edge Appliances are proven to work with hyperconverged infrastructure solutions such as Nutanix, all-flash storage systems such as Pure Storage, and flash-optimized storage systems such as Nimble Storage.



Physical Edge Appliance Specifications

	NF-60			NF-200		NF-400		NF-440			NF-600		
Model	NF-60-2	NF-60-4e	NF-60-6	NF-200-6	NF-200-6e	NF-400-8e	NF-400-6f	NF-440-12e	NF-440-24e	NF-440-36e	NF-600-8f	NF-600-18f	NF-600-35f
Cache Capacity	2 TB	4 TB	6 TB	6 TB	6 TB	8 TB	6 TB	12 TB	24 TB	36 TB	8 TB	18 TB	35 TB
Disk Physical Capacity	2x2 TB 3.5"	2x4 TB 3.5"	4x2 TB 3.5"	4x2 TB 3.5"	4x2 TB 2.5"	8x1.2 TB 2.5"	8x960 GB 2.5" SSD	12x1.2 TB 2.5"	24x1.2 TB 2.5"	24x1.8 TB 2.5"	10x960 GB 2.5" SSD	10x1.92 TB 2.5" SSD	10x3.84 TB 2.5" SSD
Rear Expansion Tray	NA			NA		NA	NA	COW 2x1.2 TB SED HDDs	COW 2x1.2 TB SED HDDs	COW 2x1.8 TB SED HDDs	NA		
Disk Encryption*	NA	FIPS-140-2	NA	NA	FIPS-140-2	FIPS-140-2	NA	FIPS-140-2			NA		
HDD Speed	7.2K RPM			7.2K RPM		10K RPM	NA	10K RPM			NA		
Drive Configuration	RAID1	RAID1	RAID5	RAID5		RAID5	RAID5	RAID6			RAID5		
Memory	16 GB			32 GB		64 GB	128 GB	64 GB			128 GB		
Processors	Intel Pentium G4600 3.6GHz, 2-core CPU			Intel Xeon E5-2630 v4 2.2 GHz, 10-core CPUs		2xIntel Xeon E5-2620 v4 2.1GHz, 8-core CPUs		2xIntel Xeon E5-2640 v3 2.6GHz, 8-core CPUs			2xIntel Xeon E5-2650 v3 2.3GHz, 10-core CPUs		
Network	2x1 GbE			4x1 GbE		4x1GbE + 2x10 GbE (SFP+ or optional BaseT)		4x1GbE + 2x10GbE (SFP+ or optional BaseT)			4x1GbE + 2x10GbE (SFP+ or optional BaseT)		
Power Supplies	Single, Cabled, 290W Power Supply			Dual, Hot-plug, Redundant Power Supplies (1+1), 550W		Dual, Hot-plug, Redundant Power Supplies (1+1), 550W		Dual, Hot-plug, Redundant Power Supplies (1+1), 750W			Dual, Hot-plug, Redundant Power Supplies (1+1), 495W		
Form Factor	Tower			1U		1U		2U			1U		
Power Cords	Auto-ranging 100-240 VAC / C13 to 5- 15P, 15 AMP, Wall Plug, 10'			Auto-ranging 100-240 VAC / C13 to C14, 12 AMP, PDU style, 6.5'		Auto-ranging 100-240 VAC / C13 to C14, 12 AMP, PDU style, 6.5'		Auto-ranging 100-240VAC / C13 to C14, 12 AMP, PDU style, 6.5'			Auto-ranging 100-240VAC / C13 to C14, 12 AMP, PDU style, 6.5'		
Rack Support	NA			Sliding Rails		Sliding Rails		Sliding Rails			Sliding Rails		
Hot-Plug	NA			Network interfaces (if configured), Power supplies, Disk drives		Network interfaces (if configured), Power supplies, Disk drives		Network interfaces (if configured), Power supplies, Disk drives			Network interfaces (if configured), Power supplies, Fans, SSDs		

* For China and Russia — all models will ship without a TPM and without Self-Encrypting Drives

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Virtual Edge Appliance Specifications

	Virtual Edge Appliance
Processors	Customer Provisioned: Recommend minimum of 2 cores
Memory	Customer Provisioned: Minimum of 8 GB per VM
Storage	Customer Provisioned: Minimum 352 GB to 2 TB maximum cache disk in VMDK or VHD Up to 64 TB with pass-through mode; OS and COW reside on additional virtual drives
Network	Customer provisioned
Virtualization Platform	Hyper-V, VMware OVF, EC2 AMI, Azure

Maintenance

	Maintenance (All Models)
Support	7 x 24 Support, 4-hour onsite hardware appliance support
Software Updates	All software updates and new features included, automatic or customer managed updates

Features (Physical & Virtual Models)

	Features (All Models)
Operating System	Nasuni Edge Appliance OS, all features included in license
Data Encryption	256 bit AES, customer controlled keys, data encrypted at rest (in cloud) and in flight
Management (Local and Global)	HTTPS, TLS, firewalled access, role-based administration, embedded management
User Authentication	Active Directory, multiple AD Domains with trust relationship, DC failover
Alerting	Configurable email alerts, SNMP traps, full alerting and phone-home to Nasuni Management NOC
Continuous Versioning	Unlimited file count and retention duration, full control of version retention
Bandwidth control	Multiple (up to 12) inbound and outbound QoS policies based on day of week, time of day, bandwidth limit
WAN Acceleration	Global data deduplication (sub-file), data compression, multi-threaded WAN send and receive
Data Sharing	Data synchronization between sites, all policies administrator configurable, global file locking
Other Features	Built-in data migration assistant, cache pinning, file filter alerts, VSS restore previous versions, antivirus, 15-minute disaster recovery, automated remote support, side load
Access Methods	SMB v1/2/3, NFSv3/4, iSCSI, HTTPS/Browser, Mobile (iOS, Android), FTP