

Data Sheet

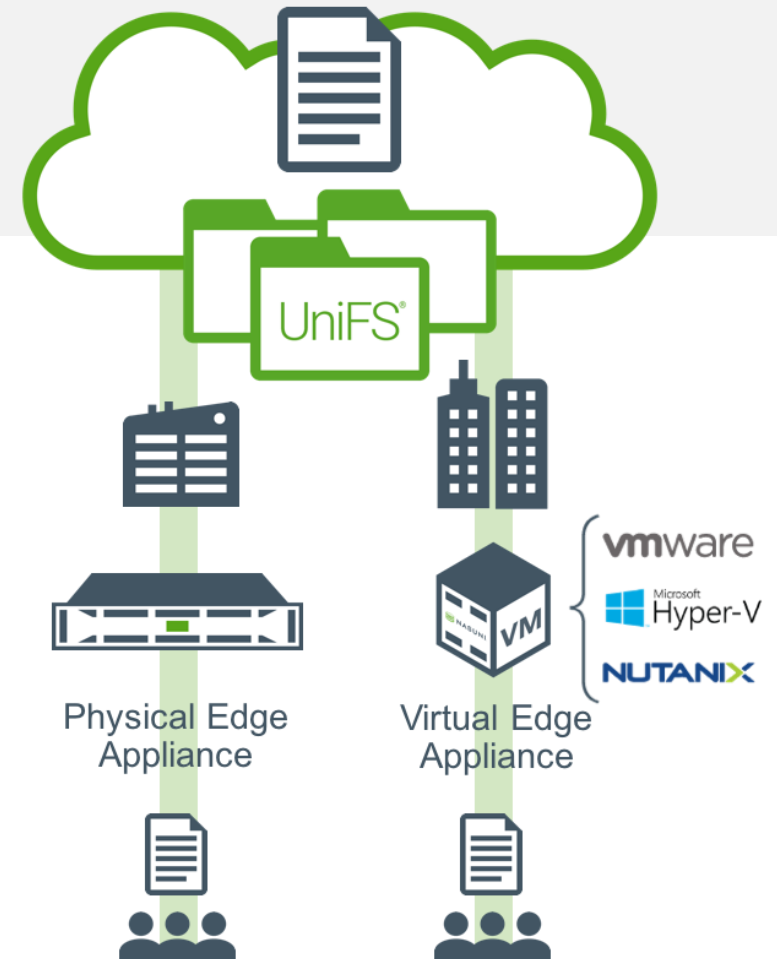
# Nasuni Edge Appliance

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

# Nasuni Edge Appliance Specifications

	N1040				N2040			N4040					
Model	N1040t-2	N1040r-6	N1040r-3f	N1040r-3fe	N-2040-6	N2040-3f	N2040-3fe	N4040-7f	N4040-7fe	N4040-13f	N4040-13fe	N4040-27f	N4040-27fe
List Price	Please contact a Nasuni representative or authorized business partner												
Cache Capacity	2 TB	6 TB	3 TB	3 TB	6 TB	3 TB	3 TB	7 TB	7TB	13 TB	13TB	27TB	27TB
Disk Physical Capacity	2x2 TB 3.5"	4x2 TB 3.5"	4x960 GB 2.5" SSD	4x960 GB 2.5" SSD	4x2 TB 3.5"	4x960 GB 2.5" SSD	4x960 GB 2.5" SED SSD	8x960 GB 2.5" SSD	8x960 GB 2.5" SED SSD	8x1.92 TB 2.5" SSD	8x1.92 TB 2.5" SED	8x3.84 TB 2.5" SSD	8x3.84 TB 2.5" SED
COW Size	250GB				480GB			960GB					
Disk Encryption*	NA	NA	NA	FIPS-140-2	NA	NA	FIPS-140-2	NA	FIPS-140-2	NA	FIPS-140-2	NA	FIPS-140-2
HDD Speed	7.2K RPM		NA		7.2K RPM	NA		NA					
Drive Configuration	RAID1	RAID5			RAID5			RAID5					
Memory	16 GB	64 GB			64 GB			128 GB					
Processors	Intel Xeon E-2136 3.3G, 6-core (12T) CPUs	Intel Xeon E-2144 3.6G, 4-core (8T) CPUs			Intel Xeon Silver 4116 2.1G, 8-core CPUs			2 x Intel Xeon Silver 4114 2.2G, 10-core CPUs					
Network	2x1 GbE		2x1 GbE + 2x10 GbE		2x1GbE + 2x10 GbE (SFP+ or BaseT kits ordered separately)								
Power Supplies	Single, Cabled, 365W Power Supply	Dual, Hot-plug, Redundant Power Supplies (1+1), 550W											
Form Factor	Tower	1U			1U			1U					
Power Cords	NEMA 5-15P to C13 Wall Plug, 125 V, 15 AMP	Auto-ranging 100-240 VAC / C13 to C14, 12 AMP, PDU style, 6.5'											
Rack Support	NA	Sliding Rails											
Hot-Plug	NA	Network interfaces (if configured), Power supplies, Fans, SSDs											
Dell Model	T140	R340XL			R440			R440					

f – flash storage (SSD) e – Self Encrypted drives

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

### Virtual Edge Appliance Specifications

	Virtual Edge Appliance
<b>Processors</b>	Customer Provisioned: Recommend minimum of 4 cores
<b>Memory</b>	Customer Provisioned: Minimum of 8 GB per VM
<b>Storage</b>	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
<b>Network</b>	Customer provisioned
<b>Virtualization Platform</b>	Hyper-V, VMware OVF, EC2 AMI, Azure

### Maintenance

	Maintenance (All Models)
<b>Support</b>	7 x 24 Sev 1 Support, 4-hour onsite appliance hardware support powered by the 4-hour Dell ProSupport mission critical option
<b>Software Updates</b>	All software updates and new features included, automatic or customer managed updates

### About Nasuni

Nasuni is a file services platform built for the cloud, powered by the world's only global file system. Nasuni consolidates network attached storage (NAS) and file server silos in cloud storage, delivering infinite scale, built-in backup, global file sharing, and local file server performance, all at half the cost of traditional file infrastructures. Leading companies from a wide array of industries rely on Nasuni to share and collaborate on files across multiple sites, enhance workforce productivity, reduce IT cost and complexity, and maximize the business value of their file data.

### Features (Physical & Virtual Models)

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

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