

PRODUCT DESCRIPTION · NETWORK LICENSE SERVERS

vtLicense-G3

Network License Servers for vtAlpha & vtVAX

A compact network appliance that gives virtual Alpha and VAX host systems (vtServers) **network access to their license keys**. Paired with redundant host hardware, vtLicense servers provide the framework for high-availability, disaster-resilient computing.



Why network licensing?

The right to use vtAlpha and vtVAX Bare Metal is validated by a USB key (dongle). Each instance receives a license at start-up and periodically checks that it is still accessible. A key plugged into the vtServer host works in most cases, but not always:

Host migration

Moving instances to a new host, for example with VMware vMotion, can mean physically moving the USB key.

Virtual machine hosts

A direct-attached USB port may not be available, especially when the host is a virtual machine.

Physical security

Some organizations require strict protection against accidental or unauthorized removal of USB keys.

Flexible, Secure Configurations

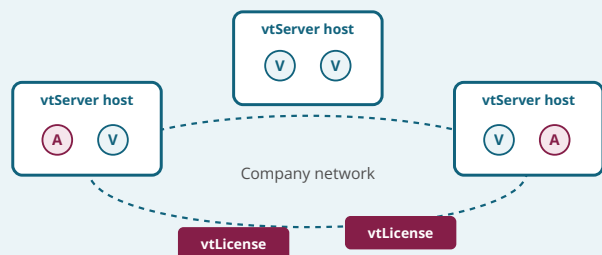
- **Licenses follow your instances.** USB-based licenses are shared over the network with multiple hosts at once. Move a virtual Alpha or VAX to a new host and its license is still reachable, with no physical intervention and minimal reconfiguration time.
- **Remote management.** A web browser interface, similar to vtMonitor, lets you place units remotely and minimizes impact in the event of a physical disaster.
- **Locked-down keys.** At least one internal USB port is reachable only by removing the unit cover, for enhanced physical security of the license contents.

Reliability & Redundancy

Each vtServer host can run one or more vtAlpha and vtVAX instances, for production or disaster recovery. Additional hosts let instances fail over to backup systems, manually or automatically, and the instances **discover their licenses across the network** on their own.

Redundant vtLicense servers and license keys are the final element in a configuration with **no single point of failure**. Reduced-cost failover licenses keep that configuration affordable.

EXAMPLE HIGH-AVAILABILITY CONFIGURATION



(V) vtVAX instance (A) vtAlpha instance · Components span multiple network segments.

Disaster Recovery Licenses

Reduced-cost failover licenses for vtAlpha and vtVAX.

30

days of run-time

10

minute increments

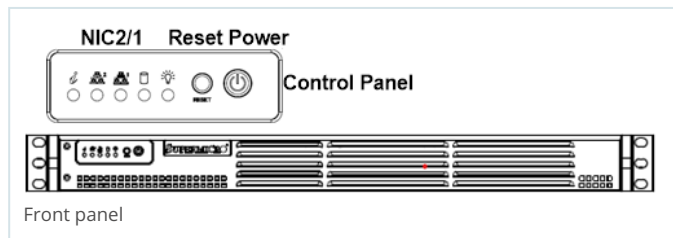
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no expiration date

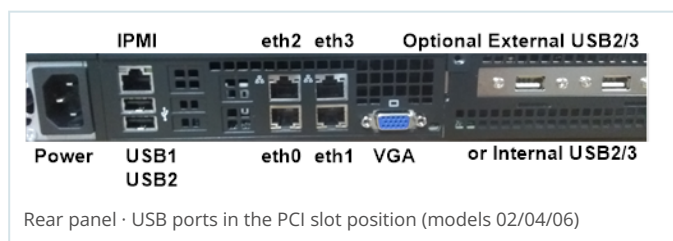


Hardware

vtLicense-G3 comes in a 1U, 9.8 in (249 mm) deep rack-mount enclosure. Operator controls and status indicators are on the front panel; all connections are on the rear. **To power off, press and hold the power button for 7 seconds.**



Front panel



Rear panel · USB ports in the PCI slot position (models 02/04/06)

Redundant Networking

Four Ethernet ports (eth0–eth3) can be configured as a network bond of two or more ports. When connected, the 2nd, 3rd, and 4th interfaces act as failovers if the primary connection is lost.

Optional NFS Storage

Add a 2.5" SATA III SSD (500 GB or 1 TB) and the vtLicense server becomes an NFS server for your vtServers, which are configured to locate that remote storage. Use it for:

- vtAlpha or vtVAX live data: virtual disks, virtual tapes, and VMS Shadowing
- Compressed virtual disks and tapes for data recovery after a vtServer failure, or other archive functions

Product Offerings

Part Number	License USB storage	USB ports	Optional SSD (NFS)
vtLicense-G3-01	2-USB Internal	1 external · 3 internal	—
vtLicense-G3-02	2-USB External	3 external · 1 internal	—
vtLicense-G3-03	2-USB Internal	1 external · 3 internal	1-Disk 500 GB
vtLicense-G3-04	2-USB External	3 external · 1 internal	1-Disk 500 GB
vtLicense-G3-05	2-USB Internal	1 external · 3 internal	1-Disk 1 TB
vtLicense-G3-06	2-USB External	3 external · 1 internal	1-Disk 1 TB

External USB ports support both vtAlpha and vtVAX license keys.

Specifications

Chassis

Form factor	1U rack-mount
Height	1.7 in (43 mm)
Width	17.2 in (437 mm)
Depth	9.8 in (249 mm)
Gross weight	10 lb (4.5 kg)

Front Panel

Buttons	Power on/off (hold 7 s to turn the unit off or on) · System reset
LEDs	Power · Hard drive activity · (2) Network activity · System overheat

Power Supply

AC	100–240 VAC, 50–60 Hz, 4.2 A
DC	+5 VSB, 2 A +12 V, 16 A +5 V, 8 A +3.3 V, 8 A –12 V, 0.5 A

Add network licensing to your vtAlpha or vtVAX environment. sales@salemautomation.com · +1 336-661-0890