

L-series: L300

Ethernet virtual desktop

L300 Key Features

Performs in your environment

Whether playing DVD-quality full-screen video or connecting specialized USB 2.0 devices, the **L300** has the power and flexibility to work in the environment you choose.

Fits your budget, today & tomorrow

The **L300** redefines performance and value for thin-client or zero-client devices. A complete virtual desktop solution can be deployed for less than half the cost of PCs, with ongoing management savings of 75% and power savings of over 90%.

Easy to deploy

Whether you need four workstations in a remote branch office or four-thousand in a corporate office, the **L300** can be deployed easily using **vSpace** management tools.

Easy to manage

The **L300** is a zero management client. Once deployed, there are no applications, software, or drivers to manage on the device. **vSpace** software centrally handles firmware changes without requiring user intervention.

Enterprise IT departments are actively searching for less expensive ways to purchase, deploy, and manage employee desktops. Desktop virtualization has been considered the cure-all for this headache, but users are still concerned about virtual desktop performance and multimedia support. *NComputing* shatters this perception by delivering rich multimedia playback, powerful yet simple deployment and management tools, and an industry-leading price point via its next-generation access device—the **L300** virtual desktop with **vSpace™** Server desktop virtualization software.

NComputing, the market leader in deployed virtual desktops, has delivered more than 2.5 million low-cost access devices worldwide. The newest access device, the **L300** virtual desktop, delivers rich full-screen, full-motion multimedia playback; transparent USB redirection; and unparalleled peripheral support. Combined with the *NComputing vSpace Server*, the **L300** now provides enterprises with a simple-to-deploy, low-cost means to implement a complete virtual desktop infrastructure in hours.



vSpace virtualization software—get more from your VDI investment

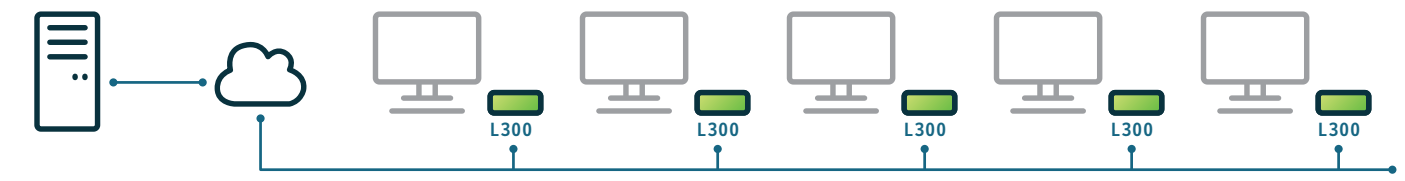
NComputing vSpace Server enables enterprises to optimize virtual desktop deployments by providing multiple end users with simultaneous access to a single operating system instance of either Windows or Linux. **vSpace** not only integrates into virtualization server deployments based on VMware, Citrix and Microsoft offerings, but can also extend their value by changing the typical virtual desktop structure from one user per virtual machine to 100 users per virtual machine. This has a direct, positive impact on operational expenses and immediately lowers overall desktop PC costs such as support, maintenance, and desktop replacement.

The L300 access device—next-generation media acceleration

With the **L300**, watching DVD-quality video on up to a 1920x1080 display comes standard for most common media formats. The game-changing access device comes packaged in a sleek low-power package that can be easily mounted on a monitor or secured to a desk. Powered by a new *NComputing Numo System-on-Chip (SoC)*, the **L300** uses patent-pending hardware technology to decode and scale multimedia locally, eliminating network strain. The **L300** access device costs less than any other thin- or zero-client options and a quarter of the cost of desktop PCs. In combination with the *NComputing vSpace Server*, it enables VDI solutions at one-third the price of traditional offerings.

Management

Thin Clients



FEATURE	FUNCTION	BENEFIT
HOST-OPTIMIZED VIDEO ACCELERATION	Video content played through standalone media players or embedded into web pages may be transcoded, streamed, locally decoded, and scaled up to 1920x1080 resolution at full frame rates.	Users will experience PC-quality video without excessive host-side processing or requiring a local PC or thin client with media player and codec support
HIGH-AVAILABILITY LOGIN	Administrator may define a failover group list of hosts to which devices may automatically connect	Each user can be assured a login within seconds, even in the event of a host failure, without complex central management servers and agents
EXPRESS DEPLOYMENT TOOLS	Administrators may define a device template with all settings and configurations so that it may be cloned and pushed to new devices	Thousands of devices may be easily deployed without manual configuration—and without requiring the installation of complex centralized management infrastructure
VMWARE AND CITRIX SUPPORT	Leverage VMware to deploy multiple instances of vSpace, multiplying the number of users per server, or integrate the Citrix Receiver to deploy XenApp-based applications	Extend the benefits of vSpace and the L300 for large deployments by leveraging server and application virtualization technologies
ZERO MANAGEMENT	The L300 is easy to configure and automatically receives updates from deployed vSpace servers	The L300 is easy to configure and is automatically managed by the vSpace server, unlike thin clients that require complex management tools to deal with locally installed applications or so-called “zero clients” that require complex networking and management server setup
TRANSPARENT USB REDIRECTION	The L300 includes 2 USB 2.0 ports that transparently redirect bulk, HID, mass-storage class, and printer devices back to the server where the native driver is installed	No local management of drivers is required to support USB devices
ZERO-FOOTPRINT INSTALLATION	The L300 includes a convenient VESA mounting option for LCD displays	Keep the desktop clutter-free by mounting the L300 device to the back of an LCD monitor

L300 Connections

1. 2 remote USB 2.0
2. Microphone jack
3. Speaker jack
4. USB 1.1 for keyboard & mouse
5. 10/100 ethernet
6. VGA monitor
7. 12v DC in
8. On/off switch





HARDWARE	DESCRIPTION				
KIT CONTENTS*	Each L300 kit includes an access device, power supply/cord, <i>NComputing vSpace</i> software CD/license, software installation & user guide, Quick Install Guide, and VESA-compliant monitor mounting bracket. PC, monitor, keyboard, mouse, speakers, microphone, and other peripherals are NOT included and must be purchased separately.				
SIZE	Width: 115 mm / 4.5 inches, Depth: 115 mm / 4.5 inches, Height: 30 mm / 1.2 inches				
WEIGHT	154 g / 0.34 lbs. Shipping weight (includes power adapter, packaging, documentation, etc.): 0.77 kg / 1.7 lbs				
POWER SUPPLY	12VDC power supply included (110/220 auto-switching)				
POWER CONSUMPTION	5W (independent of external USB devices)				
LED INDICATORS	Power, network link, and network activity				
DISPLAY RESOLUTIONS	<table border="0"> <tr> <td>Normal display resolutions (16 or 24 bit color) @60Hz</td> <td>Wide display resolutions (16 or 24 bit color) @60Hz</td> </tr> <tr> <td>640x480, 800x600, 1024x768, 1280x1024, and 1600x1200</td> <td>1280x720, 1280x800, 1360x768, 1366x768, 1440x900, 1680x1050, and 1920x1080</td> </tr> </table>	Normal display resolutions (16 or 24 bit color) @60Hz	Wide display resolutions (16 or 24 bit color) @60Hz	640x480, 800x600, 1024x768, 1280x1024, and 1600x1200	1280x720, 1280x800, 1360x768, 1366x768, 1440x900, 1680x1050, and 1920x1080
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MONITOR POWER-SAVE MODE	Supports power-saving mode with VESA-compliant monitors				
NETWORKING	10/100 Mbps Switched Ethernet				
AUDIO	12 bit stereo audio input / output via 3.5mm stereo jacks				
INTERNAL HARDWARE	All solid-state design. No moving parts, no fans, no local user storage. <i>NComputing</i> Numo System-on-Chip with embedded <i>NComputing</i> operating firmware (no local user OS)				
MULTIMEDIA SUPPORT	Hardware-accelerated 2D graphics, hardware-accelerated video support for most media formats on stand-alone media player applications and browser-based video				
DATA SECURITY	No local data storage on device. USB data access controlled by user or device policy				
RELIABILITY (MTBF)	>100,000 hours (calculated using Bellcore Issue 6 TR-332, Case 2, Part I at 40° C)				
CERTIFICATIONS	FCC Class B, CE, KCC, RoHS				
ENVIRONMENTAL	<ul style="list-style-type: none"> • 0 to 40 degrees Celsius • 10 to 85% relative humidity (non-condensing) • No moving parts permits use in high dust/particulate/vibration environments 				
MAXIMUM NUMBER OF USERS PER OPERATING SYSTEM	<i>NComputing vSpace</i> Server permits up to 100 users per shared OS				
PC CONFIGURATION	See recommended hardware configuration guide at www.ncomputing.com/support				

* Application software, client access, and OS licenses for the shared PC and L300 may be required by the respective software vendor and must be purchased separately.

** Please refer to the Microsoft operating system licensing requirements and technical details at www.ncomputing.com/mslicensing. Specific Linux support information is available at www.ncomputing.com/kb

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SOFTWARE	DESCRIPTION
SUPPORTED OPERATING SYSTEMS**	Microsoft Windows and Ubuntu Linux. Refer to the support section at www.ncomputing.com/support for the latest supported versions.
USER SOFTWARE	<i>NComputing vSpace</i> Server desktop virtualization software with User eXtension Protocol (UXP)