

L-series: L400

Next Generation Thin Client for vSpace Pro Desktop Virtualization



Compatibility

vSpace Pro Enterprise

- Support resolution up to QHD (2560x1440)
- Support for both UXP and UXP Turbo protocols
- Requires vSpace Pro AMP compliance

vSpace Pro LTS and vSpace Pro Ads

- Support resolution up to full HD (1920x1080)
- Support for UXP protocol

Refer to the [vSpace Pro compatibility matrix](#) for the latest supported OS versions.

The L400 is the next generation thin client for vSpace Pro, succeeding the wildly popular L300 and L350 models. With over 1 million L-series devices sold, the L400 continues this legacy by offering enhanced performance and extensibility while maintaining affordability.

The L400 is designed specifically for vSpace Pro Desktop Virtualization and is optimized based on the low-power ARM architecture platform. It delivers a rich PC-like experience, featuring full-screen, Quad-HD multimedia playback, 10/100 Mbps ethernet, and built-in transparent USB redirection with broad peripheral support. The L400 is designed for simple deployment and central management, providing a high-performance virtual desktop solution that is ideal for SMB and education institutions deploying vSpace Pro Desktop Virtualization.

L400 Features

- QHD (quad high definition) video playback (2560 x 1440) via HDMI
- Transparent USB redirection
- Built-in 10/100 Ethernet
- 8GB internal eMMC storage
- 1GB RAM
- Less than 5W power consumption
- Power button
- NComputing vCAST Streaming and UXP Turbo protocol support
- Kensington security port
- VESA mount kit included
- Data Security: No user data is stored on the device. USB data access controlled by user or device policy.

vCAST Streaming and UXP Turbo

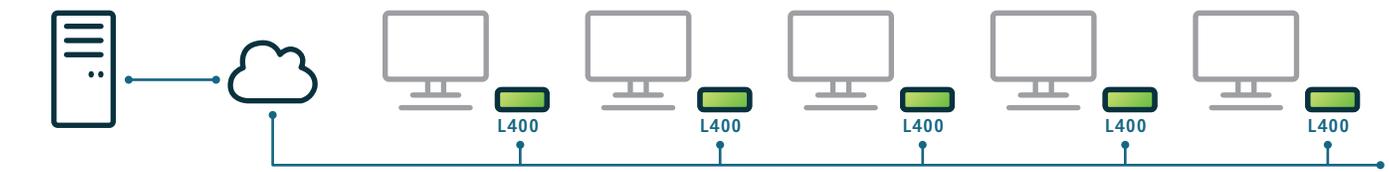
NComputing vCAST Streaming reduces server-side CPU usage when streaming media, both from sources like YouTube and local media content, all without requiring expensive GPUs. By offloading server CPU resources to the client side for direct rendering & playback, vCAST delivers smooth media streaming, reduces network bandwidth, lowers server CPU usage, and allows for more concurrent users per server. The new UXP Turbo protocol for vSpace Pro Enterprise delivers an enhanced desktop experience with PC-like performance for 3D rendering, browser scrolling, video playback and multimedia-intensive applications running on Windows 10, 11, or Windows Server 2022. Host systems equipped with supported graphic cards will experience significant benefits from this protocol.

Central management & express deployment

vSpace Console, an integrated device management solution in vSpace Pro with built-in classroom management features, allows for easy configuration and updates of devices, real-time session management, and monitoring of users. Administrators may define a device template with all settings and configurations, then clone and push it to new devices. All can be centrally managed and provisioned by the IT admin, allowing for control of hundreds of L400 devices with just a few clicks. The L400 can be provisioned using the optional PMC Endpoint Manager software. With PMC, an admin can remotely manage L400 devices over local and wide-area networks, including locations behind firewalls and NAT-routers through an easy-to-use, web-based user interface. Customers becomes eligible to utilize PMC for managing their L400 devices once vSpace Pro AMP compliancy requirement is met.

vSpace Server

Thin Clients





Connection License

- L400 comes with a perpetual software connection license for vSpace Pro LTS and vSpace Pro Ads Edition. Connection to vSpace Pro Enterprise is subject to vSpace Pro AMP compliance requirements.

Device Management

For vSpace Pro

- vSpace Console is included
- PMC is available for customers who are vSpace Pro AMP compliant.

HARDWARE	DESCRIPTION
BOX CONTENTS	Each L400 includes 1 device, 1 power supply, and VESA mount kit
SIZE	Width: 115 mm / 4.5 inches, Depth: 115 mm / 4.5 inches, Height: 30 mm / 1.2 inches
WEIGHT	130 g / 0.28 lbs. Shipping weight (includes Box Contents above): 0.43kg / 0.94 lbs
POWER SUPPLY	USB-C power adapter (5V/3A)
POWER CONSUMPTION	5W max (independent of external USB devices)
LED INDICATORS	Power
DISPLAY	HDMI video output supporting resolutions up to 2560x1440 with DDC support
SOC	Quadcore ARM CPU (1.8GHz)
MEMORY	<ul style="list-style-type: none"> Mass storage: 8GB internal eMMC RAM: 1GB
NETWORK AND CONNECTIVITY	<ul style="list-style-type: none"> 10/100 Ethernet RJ45 port
AUDIO	16-bit/44kHz/Stereo high quality digital audio with support for USB2.0 audio devices or via 3.5mm stereo audio jacks for speaker and microphone
PERIPHERAL SUPPORT	<ul style="list-style-type: none"> 3x USB 2.0 high-speed ports (two required for keyboard & mouse) All USB ports provide full USB redirection, utilizing device drivers from the server.
OPERATION MODE	vSpace Pro
EMBEDDED OS	L400 Linux firmware
HOST MACHINE CONFIG	See recommended hardware configuration guide at www.ncomputing.com/support
WARRANTY	1 year hardware warranty included; Optional extended hardware warranty available
MOUNT OPTIONS	VESA mount compatible (included)

SOFTWARE	DESCRIPTION
OPERATING SYSTEMS	Refer to the vSpace Pro operating system compatibility matrix for the latest supported versions.
USER SOFTWARE	NComputing vSpace Pro software; built-in vSpace Console device management features to support L400 thin clients. Optional PMC Endpoint Manager software (requires vSpace Pro compliant) to remotely manage L400 devices.
LICENSING	L400 comes with a perpetual software connection license to vSpace Pro desktop virtualization software. PMC Endpoint Manager software for remote device management is optional.
VCAST STREAMING	L400 supports vCAST Streaming for web and media content. vCAST is included in vSpace Pro Software.

L-series products are RoHS compliant and have been EMI certified according to FCC, CE, BIS and KC standards.

L400 Connections

- HDMI video output
- 10/100 Ethernet RJ45 port
- Kensington security port
- Speaker and microphone jacks
- 3 High-Speed USB 2.0 ports
- Power in (5V/3A USB-C)
- Power on/off switch

