

# Access Client Selection Guide for the vSpace® Virtualization Platform

## L-Series

The L-series access devices connect to the shared computer via standard ethernet networks. That way, users can be any distance from the shared computer. Up to 100 L-series users can share a single vSpace Server instance. L-series access devices are sold individually.

## M-Series

The M-series offers an Ethernet connection to a vSpace Server in groups of 3 users per kit. It enables full screen video streaming capabilities, USB support and up to 45 users per server. The M300 is ideal for classrooms, computer labs, training rooms, libraries, workgroup computing and small business offices.

## vSpace Client

vSpace Client for Windows enables any Windows-based PC, laptop or netbook computer to access vSpace servers. This enables more users to experience the benefits of centrally managed virtual desktops.

## Industry Awards

## Choose the Right Solution for Your Needs Ethernet-connected Products



vSpace® | CLIENT

MODEL	L300	M300 3-IN-1 KIT	VSPACE CLIENT SOFTWARE
<b>VIRTUALIZATION PLATFORM</b>	NComputing vSpace™	NComputing vSpace™	NComputing vSpace™
<b>CONNECTING TO HOST</b>	10/100BASE-T	10/100BASE-T (1x for all three clients)	Installed on Windows client PC
<b>VIDEO PERFORMANCE</b>	Full screen video through media player and browser embedded video (including Flash)	Full screen video at all resolutions	Full screen video through media player and browser embedded video (including Flash)
<b>PORTS</b>	2x USB 2.0	1x USB 2.0	None
<b>MOUSE/KEYBOARD</b>	USB	USB	Same as client PC
<b>MAXIMUM SCREEN RESOLUTION</b>	1920 x 1080 or 1600 x 1200, 24-bit color	1440x900 or 1280x800 @ 24-bit color	1920 x 1080 or 1600 x 1200, 24-bit color
<b>AUDIO (IN/OUT)</b>	Mic / Stereo	Mic / Stereo	Mic / Stereo
<b>POWER SOURCE</b>	12 VDC, included	12 VDC, included (1x for all three clients)	Same as client PC
<b>POWER CONSUMPTION</b>	<5 watts	<6 watts	Same as client PC
<b>DEVICE SIZE</b>	115 x 115 x 30mm	Primary client: 160 x 120 x 35mm Satellite client: 120 x 99 x 33mm	Same as client PC

## Recommended Host Hardware for vSpace® Server

(for use with Ethernet connected vSpace clients)

NComputing deployments vary based on the type of applications, usage and infrastructure. To determine the appropriate system configuration for deployment, NComputing recommends a pilot to measure concurrent usage, application load, and bandwidth load over a period of time. For more information see "vSpace Guidelines for Scaling Deployments" at [www.ncomputing.com/support](http://www.ncomputing.com/support).

A minimum recommended system to evaluate L-series deployments is a dual core or better processor (or two virtual CPUs) with 2GB of memory and a single disk/spool (no RAID required).





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### X-Series

The X-series access devices connect through a PCI card installed into a PC and deliver exceptional multimedia performance with unmatched CPU and energy efficiency. The X-series is ideal when the users are in the same room as the shared computer.

MODEL	X350	X550
<b>CONNECTION METHOD</b>	PCI card	PCI card
<b>DESCRIPTION</b>	3-user kit with PCI card, vSpace™ and 3 access devices *	5-user kit with PCI card, vSpace™ and 5 access devices *
<b>MAXIMUM USERS PER HOST SYSTEM</b>	7 (2 cards x 3 + PC)	11 (2 cards x 5 + PC)
<b>SIZE OF SHARED COMPUTER</b>	Needs 1 or 2 low-profile or full-height PCI slots	Needs 1 or 2 full-height PCI slots
<b>MAXIMUM SCREEN RESOLUTION</b>	1440x900 or 1280x800 @ 16-bit color	1440x900 or 1280x800 @ 16-bit color
<b>STREAMING VIDEO SUPPORT</b>	Good video streaming to 1024 x 768	Good video streaming to 1024 x 768
<b>MOUSE &amp; KEYBOARD PORTS</b>	PS/2	PS/2
<b>MICROPHONE PORT</b>	No (use PC USB port)	No (use PC USB port)
<b>USB 2.0 PERIPHERAL PORT</b>	No (use PC USB port)	No (use PC USB port)
<b>CLIENT CONNECTION</b>	Direct cable to PCI card	Direct cable to PCI card
<b>MAXIMUM DISTANCE FROM PC</b>	10 meters (Cat 6 STP) 5 meters (Cat 5e UTP)	10 meters (Cat 6 STP) 5 meters (Cat 5e UTP)
<b>ACCESS DEVICE SIZE</b>	119mm(w) x 27mm(d) x 82mm(h)	119mm(w) x 27mm(d) x 82mm(h)
<b>NOMINAL POWER</b>	1 watt per seat	1 watt per seat
<b>VSPACE SERVER RUN ON HYPERVISOR (VM)</b>	No	No

\* Cables not included

### X-SERIES MINIMUM RECOMMENDED HARDWARE<sup>1</sup>

USERS	CPU	MEMORY
1-3	2.4GHz or any dual core	2 GB
4-7	3.0GHz or any dual or quad core	3 GB
8-10	3.0GHz or any dual or quad core	3+ GB
11 OR MORE	n/a	n/a

1. These are general guidelines. Always test your applications first before deploying.