

X550 desktop virtualization kit

Key features & benefits

- Share one PC with eleven users
- Slash acquisition and support costs up to 70%
- Easy to set up, maintain & secure
- Compact and reliable (no fans or disks)
- Energy efficient (1 watt per user)
- Supports standard applications including multimedia and full-screen video
- Supports standard and widescreen resolution (up to 1280x1024 or 1440x900)
- Connect users directly to the shared PC using standard cables up to 10 m (33 ft) long
- Includes powerful vSpace™ desktop virtualization software, PCI card & five XD2 access devices

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vSpace™ desktop virtualization software



Eleven users on one PC? Absolutely—today's PCs are so powerful that the vast majority of people use only a small fraction of their available computing power. The X550 taps the unused capacity so that up to eleven users can simultaneously share a single PC. Each user gets their own virtual workspace (applications, settings, files, and preferences), but at a fraction of what it would cost with individual computers. So even though eleven people share a single system, they each get their own rich PC experience.



The X550 is ideal for:

- Classrooms and computer labs
- Business
- Government
- Public access

Easy to install

Each X550 kit contains the powerful, award-winning vSpace™ desktop virtualization software, a PCI card, and five XD2 access devices. Setup is easy: just install the full-height PCI card and virtualization software on the shared PC. Then connect the access devices to the PCI card with standard cables. Finally, connect each user's monitor, keyboard, and mouse to their access device. That's all – it's as simple as an appliance. Now, six users can enjoy their own independent virtual desktops (one on the shared PC and five on access devices). Add a second X550 kit and eleven users can simultaneously share a single PC.

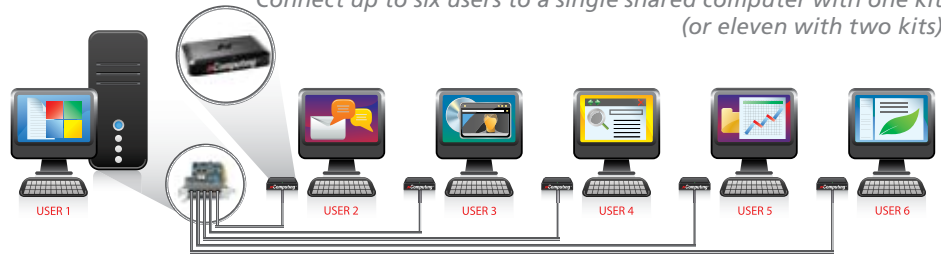
Powerful & flexible

Software applications run simultaneously and independently on each virtual desktop. Users don't even know they are sharing a PC! And most applications run right out of the box, so your staff and users don't need special training. They will also love getting their desk space back—the XD2 access devices are tiny, silent, and have no moving parts. Yet they give each user a rich Windows or Linux workspace. Users enjoy multimedia with sound and full-motion video at screen resolutions of up to 1280x1024 or 1440x900 (widescreen).

Economical & efficient

With the NComputing X550, you can easily lower your computing acquisition and support costs by up to 70%. You will also save money on electricity—the highly efficient X550 uses only 1 watt per added user (compared to 115 watts for a typical PC). With a long useful life and weighing just a few ounces, the NComputing solution also greatly reduces e-waste. It is clearly the greenest computing solution on earth.

Connect up to six users to a single shared computer with one kit
(or eleven with two kits)



Full-height PCI card



Integrated monitor mount



XD2 access device rear view



- 1 – Speaker
- 2 – PS/2 keyboard
- 3 – PS/2 mouse
- 4 – Video output
- 5 – RJ-45 PCI card connection port

HARDWARE	
Size	XD2 Access Device: Width: 119 mm, Depth: 82 mm, Height: 27 mm PCI Card: Full height PCI plug-in card
Monitor mounting	XD2 access devices have built-in mounting holes to attach to the rear of a monitor with VESA compliant mounting holes. Two screws per XD2 access device are included.
Power supply	No external power adapters are required Power to the access devices is provided by the PCI card through the Cat 5e or Cat 6 cable
Power requirement	Each XD2 access device requires an incremental 1 watt of power
Monitor power-save mode	Supports power-saving mode with VESA-compliant monitors
LED indicator on XD2	Green LED located on front of access device indicates power/connection established
Video resolution	1440x900, 1280x1024, 1024x768, and 800x600, 16-bit color, 60 Hz refresh rate
Connection to shared PC	Standard Category 5e UTP (unshielded twisted pair) cable up to 5 meters / 16 feet Standard Category 6 STP (shielded twisted pair) cable up to 10 meters / 33 feet
Audio	Stereo output via speaker port
Data Security	No local data storage on device USB ports on shared PC can be assigned to different users (Note: local user access to USB ports requires separate USB extension cables - not included.)
Certifications	FCC Class B, CE, MIC, RoHS
Operating Temperature and Humidity Range	0 to 40 degrees Celsius 10 to 85% relative humidity (non-condensing)
vSpace DESKTOP VIRTUALIZATION SOFTWARE	
Supported Operating Systems*	Windows and Linux (refer to the support section of the NComputing website for the latest supported versions)
PC configuration	See Recommended Host Configuration Guide on the NComputing website
Maximum number of users per PC**	Each X550 kit adds five users to a shared PC. A maximum of two kits can be used with one PC to get a total of eleven users (five for each kit plus one on the PC).
Supported Software	Most PC applications* including browsers, e-mail, office suites, media players, educational software and more. Supports multi-media and full-motion video, but is not recommended for intensive 3D software.
KIT CONTENTS	
X550 5-user desktop virtualization kit	One X550 kit includes five XD2 access devices, one full height PCI card, vSpace software installation CD with user's guide, Quick Install Guide, and 10 mounting screws for monitor mounting. Shared PC, PS/2 keyboard, PS/2 mouse, speakers, Cat 5e/6 cables, and other peripherals are NOT included and must be purchased separately.

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

** The number of users a PC will support depends on the host system capabilities as well as the applications used and performance expectations for those applications. It is recommended that new customers test their application(s) to establish an appropriate user-to-host ratio.

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