

smart vine

Virtual Desktop Monitor

N1941WP-PF
N1742LP-BF

ACCESSORY



Reduce the cost of purchasing multiple PCs for your business. The new LG SmartVine™ virtual desktop monitors enable 11 users to share a single PC*. Each user runs their own applications as if they had their own desktop. Just add a keyboard and a mouse. Available in standard 17" and 19" widescreen class sizes, the SmartVine virtual desktop monitors can help you achieve a cost effective multi-user computing solution.

Note:* NComputing X550 PCI Card Kit(s) required to connect multiple users to one PC - sold separately. Mouse & Keyboard are not included.

KEY FEATURES

- Cost Effective Multi-User Computing Solution
- Integrated Virtual Desktop Access Technology
- Remarkable 8,000:1 (DFC) Contrast Ratio
- 5ms Response Time
- f-ENGINE™ (picture-quality enhancing chip)
- Built-In Speakers
- Tilt Adjustable Stand
- Dual Input (VGA + X-port)

SUITABLE FOR:



www.LGcommercial.com

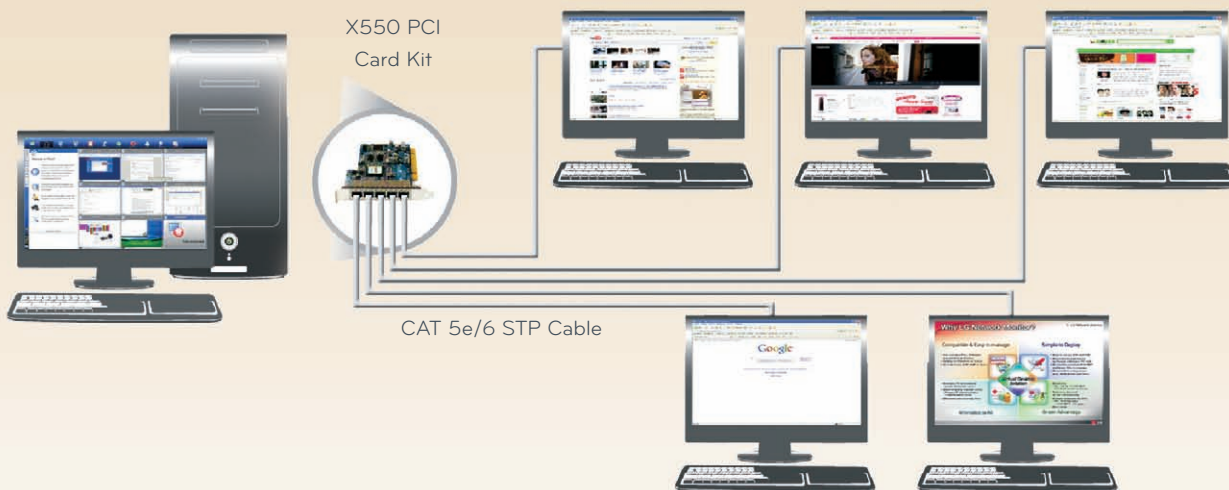


X550 PCI Card Kit for LG SmartVine N-series Monitors

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 PCI CARD KIT FOR LG SMARTVINE MONITORS IS IDEAL FOR:

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



Example of 6 user set up

KEY FEATURES AND BENEFITS

- Share one PC with eleven users using LG SmartVine monitors pre-integrated with NComputing X-series access device technology
- Slash acquisition and support costs
- Easy to set up, maintain & secure
- Compact & reliable
- Energy efficient
- Supports standard applications including multimedia and full-screen video
- Connect users directly to the shared PC using standard cables
- Includes powerful vSpace™ desktop virtualization software & PCI card for 5 users (additional PCI card may be added to PC for a total of 10+1 users)

Full-height X550 PCI card



Plug keyboard and mouse directly into your LG SmartVine monitor



CONVENIENT ALL-IN-ONE DESIGN

LG SmartVine monitors are pre-integrated with NComputing X-series access device technology to eliminate extra connections and increase the speed of deployment of new desktops.

EASY TO INSTALL

Each kit contains the powerful, award-winning vSpace desktop virtualization software, and a PCI card. Setup is easy: just install the full-height PCI card and virtualization software on the shared PC. Then connect the LG SmartVine monitor to the PCI card with standard cables. Finally, connect each user's keyboard and mouse directly to the LG SmartVine monitor.

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 LG SmartVine monitor is all you need. Just attach your keyboard and mouse to enjoy a rich Windows or Linux workspace. Users can even enjoy multimedia with stereo sound from the built-in speakers and full-motion, full-screen video.

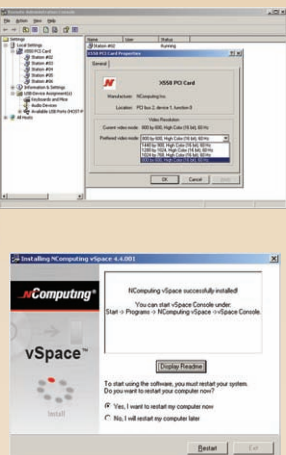
ECONOMICAL & EFFICIENT

With the NComputing X550, you can easily lower your computing acquisition and support costs. With the NComputing X550, you can easily lower your computing acquisition, support and electricity costs.

X550 PCI card kit with vSpace software



vSpace virtualization software



SPECIFICATIONS

Size	PCI card: full-height PCI plug-in card
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
Data security	No local data storage on LG SmartVine monitor USB ports on shared PC can be assigned to different users (Note: local user access to USB ports may require 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)
Supported operating systems*	Windows and Linux (refer to the support section of the NComputing website for the latest supported versions)
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).
PC configuration	See Recommended Host Configuration Guide on the NComputing website
Supported software	Most PC applications* including browsers, e-mail, office suites, media players, educational software and more. Supports multimedia and full-motion video, but is not recommended for intensive 3D software.

KIT CONTENTS

X550 PCI card-only kit for LG	One X550 PCI card-only kit includes one full height PCI card enabling 5 additional users, vSpace software installation CD with user's guide and Quick Install Guide. LG SmartVine monitor, shared PC, PS/2 keyboard, PS/2 mouse, speakers, Cat 5e/6 cables, and other peripherals are NOT included and must be purchased separately.
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* 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.

N1941WP-PF N1742LP-BF



N1941WP-PF (Hi Gloss Black)

- 16:9 Aspect Ratio
- 1366x768 Max. Resolution
- 8000:1 DFC Ratio
- 5ms Response Time



N1742LP-BF (Matte Black)

- 5:4 Aspect Ratio
- 1280x1024 Max. Resolution
- 8000:1 DFC Ratio
- 5ms Response Time



X550 PCI Card Kit for LG SmartVine Monitors

- One kit for up to 6 users
- Two kits for up to 11 users (sold separately)

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Virtual Desktop Monitor

DISPLAY

Size	19" Class (18.5" Diagonal) Widescreen (N1941WP-PF) 17" Class (17.0" Diagonal) (N1742LP-BF)
Colors	Hi Gloss Black (N1941WP-PF) Matte Black (N1742LP-BF)
Color Depth	16.7 Million Colors
Pixel Pitch	0.30mm (N1941WP-PF) 0.264mm (N1742LP-BF)
Aspect Ratio	16:9 (N1941WP-PF) 5:4 (N1742LP-BF)
Maximum Resolution	1366x768 (N1941WP-PF) 1280x1024 (N1742LP-BF)
Brightness	250 cd/m ²
Contrast Ratio	DFC 8000:1
Response Time	5ms
Viewing Angle (CR ≥ 10)	170° / 160°
(CR ≥ 5)	176° / 170°
Surface Treatment	Non-Glare

USER INTERFACE

PC Input	D-Sub X-PORT (Signal from X550 PCI Card by CAT 5e/6 STP Cable - <i>not included</i>)
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OTHER OUTPUT

PS2 (2 Ea. For Keyboard & Mouse), Headphone Out

POWER

Normal Usage	21W (N1941WP-PF) 32W (N1742LP-BF)
Stand-by Usage	Under 1W

DIMENSIONS (WxDxH)

Set (with stand)	17.6" x 7.8" x 14.0" (N1941WP-PF) 448.4 x 198.4 x 357.9 mm 14.5" x 7.3" x 15.4" (N1742LP-BF) 369.6 x 184.8 x 391.3 mm
Set (without stand)	17.6" x 2.3" x 10.9" (N1941WP-PF) 448.4 x 57.6 x 278.0 mm 14.5" x 2.3" x 12.4" (N1742LP-BF) 369.6 x 59.0 x 315.1 mm
Box	20.1" x 4.7" x 14.1" (N1941WP-PF) 511.0 x 119.0 x 359.0 mm 16.5" x 14.2" x 4.5" (N1742LP-BF) 421.0 x 362.0 x 115.0 mm

WEIGHT

Set (with Stand)	7.71 lbs./3.5 kg (N1941WP-PF) 6.83 lbs./3.1 kg (N1742LP-BF)
Set (without Stand)	7.05 lbs./3.2 kg (N1941WP-PF) 6.17 lbs./2.8 kg (N1742LP-BF)
Box	10.8 lbs./4.9 kg (N1941WP-PF) 9.26 lbs./4.2 kg (N1742LP-BF)

OTHER

Stand	Tilt (-5° Front ~ 20° Rear) Base Detachable
Certifications	
Safety	UL (cUL), TUV-GS, SEMKO
EMC	FCC-B, CE
Power Saving	TCO'03 (N1742LP-BF only)
VESA Mounting	75mm x 75mm
Special Features	fENGINE™ Built-In Speakers (1W x 2Ch) Intelligent Auto (Auto Resolution) 4:3 in wide (N1941WP-PF only) Integrated Virtual Desktop Access Technology sRGB Plug & Play - DDC2B, DDC/CI
Accessories	Power Cord, D-Sub Cable, Driver CD, Manual
Limited Warranty	3 Years (parts/labor/backlight) Swap Program Call Toll-Free 1-800-243-0000
UPC Code	719192900394 (N1941WP-PF) 719192900400 (N1742LP-BF)
Recommended PC Specification	Dual Core processor at 3.0 GHz or Higher with 2GB of RAM (e.g. Intel Core 2 Duo or AMD Athlon X2)

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