NComputing ®

Key features & benefits

- *Share one PC with up to thirty users*
- *Slash acquisition and support costs up to 70%*
- *Easy to set up, maintain, and secure*
- *Compact, reliable, and energy-efficient (no fans or disks, 5 watts per user)*
- *Includes powerful virtualization software*
- *Mount to a monitor with included bracket*

L-series virtual desktops

Today's PCs are like supercomputers

Most PC users only use a small fraction—as low as 5%—of the power of their machines. NComputing takes the excess capacity and allows up to 30 users to each enjoy their own rich PC experience. They feel like they have their own PC, but at a fraction of the cost and without all of the maintenance headaches.

The L-series is ideal for:
• Factories • Offices • Task workers • Schools • Call centers • Branches

Dramatically reduce your computing costs

The L-series costs less than half the price of entry-level PCs. And the ongoing savings are even higher. With no moving parts or local storage, repairs are rare and your maintenance costs are kept in check because you only have to maintain and upgrade the shared PCs—not the L-series. In fact, whenever you refresh to the latest PC technology, your L-series users will automatically enjoy the increased performance. Going green? Compare the 5 watts of power consumed by the L-series to the 115 watts or more in a typical PC. The small chassis (about half the size of a paperback book) consumes less power, generates less heat, produces less e-waste, and makes no noise.

Easy to install, simple to manage

Plug in your ethernet cable, mouse, keyboard, and monitor. Install the included desktop virtualization software on the shared PC. It just takes a few minutes. You now have added multiple users, each with their own rich Windows or Linux environment. Best of all, you can run standard applications and your staff and users won't need any special training.

Powerful and flexible

The L130 features a compact design, a stereo jack, and 16-bit widescreen video support. The L230 has all of that, plus a USB flash drive port, a microphone jack, and 24-bit video support. Both support 640x480, 800x600, 1024x768, 1280x1024, and 1440x900 video modes.

L130 & L230 front

L130 & L230 back

1   2   3 4

1 – Ethernet
2 – Monitor
3 – 5V DC IN
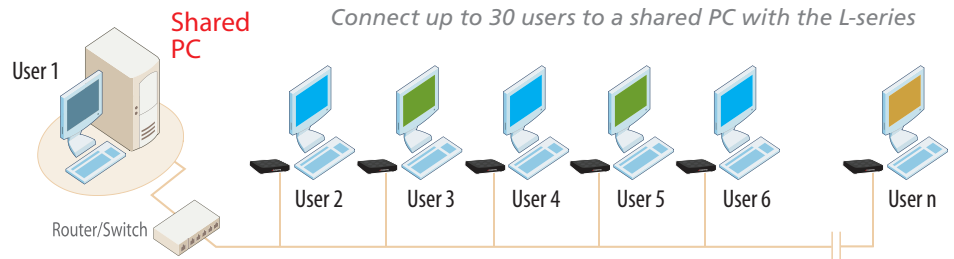4 – On/off switch

L130 side

1   2   3

1 – Speaker jack
2 – PS/2 keyboard
3 – PS/2 mouse

L230 side

1   2   3   4   5

1 – USB
2 – Microphone jack
3 – Speaker jack
4 – PS/2 keyboard
5 – PS/2 mouse

Connect up to 30 users to a shared PC with the L-series

Shared PC
User 1
Router/Switch
User 2   User 3   User 4   User 5   User 6   User n

SPECIFICATIONS	
Kit contents*	Each L-series kit includes an access device, power supply/cord, NComputing desktop virtualization software CD/license, software installation & user's guide, Quick Install Guide, monitor mounting bracket and LAN cable. PC, monitor, PS/2 keyboard, PS/2 mouse, speakers, and other peripherals are NOT included and must be purchased separately.
Max # users**	30 users per shared PC, plus one on the shared PC
User software	NComputing desktop virtualization software with User eXtension Protocol (UXP)
Supported OS	Microsoft Windows and Linux (refer to the support section of the NComputing Website for the latest supported versions)
Maintenance	Online remote update via Management Console (included)
Size	Width: 115 mm / 4.5 inches, Height: 26 mm / 1 inch Depth: 115 mm / 4.5 inches
Weight	154 g / 0.34 lbs, Shipping weight (includes power adapter, packaging, documentation, etc.): 0.77 kg / 1.7 lbs
Power supply	Input: 100-250 VAC, 50-60 Hz, Output: 5 VDC, 2 A, Nominal consumption: 5 W
LED indicator	Power: connection to power supply, LAN: connection to network, Ready: connection to host PC
Connection to shared PC	Via 100 Mb/s switched Ethernet connection
Audio	Stereo output via speaker port
Internal hardware	All solid-state design. No moving parts, no fans, no local user storage. NComputing System-on-Chip with SDRAM and flash embedded NComputing operating firmware (no local user OS).
Reliability (MTBF)	>100,000 hours (calculated using Bellcore Issue 6 TR-332, Case 2, Part I at 40°C)
Certifications	FCC Class B, CE, MIC, NOM, GOST R and RoHS compliant (China RoHS (50))
Host PC configuration	See Recommended Host Configuration Guide in the download section of the NComputing website

	L230 HARDWARE	L130 HARDWARE
Video resolution***	640x480, 800x600, 1024x768 (at 60 or 75 Hz refresh rate), 1280x1024 (~63 Hz) and 1440x900 (60Hz). All feature up to 16-bit or 24-bit color support.	640x480, 800x600, 1024x768 (at 60 or 75 Hz refresh rate), 1280x1024 (~63 Hz) and 1440x900 (60Hz). Up to 16-bit color support.
USB flash memory port	Supprts USB 1.1 flash memory devices - requires Windows OS on host (USB function can be disabled for security in the administration console)	No local USB port
HW security	No local user storage	No local user storage, no USB port

*Application software and OS licenses for the shared PC and L-series may be required by the respective software vendor and must be purchased separately.
**The number of users and individual host will support depends upon 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) before adding additional users.
***Does not support 3D games or full-screen home theater applications.