U170 USB Virtual Desktop

With the U170, NComputing has once again set the standard for simple and affordable desktop computing. NComputing's innovations include tightly integrated solutions that include the award-winning NComputing vSpace™ virtualization software and industry-leading, low-cost, rugged and reliable access devices. These solutions have made NComputing the global leader, with millions of daily users. To this highly successful product line, NComputing brings an unprecedented feature: plug-and-play simplicity.

Desktop virtualization does not have to be complex. Or expensive. Unlike other desktop virtualization solutions, NComputing does not need expensive and complicated servers and infrastructure. In fact, vSpace was designed to efficiently share the normally wasted CPU cycles in standard low-cost PCs. In an NComputing solution, vSpace creates multiple virtual workspaces in one physical computer, and then the additional users connect their monitors, keyboards, and mice, through a simple access device. With the U170, connecting the access device to the shared computer couldn't be easier: just snap them together with the included USB cable.

The U170 is ideal for classrooms, public access, small business, digital signage, and home use.

Kid-Tested, CEO-Approved

The U170 is based on over ten years of product development and refinement. You could say that it was designed by the sharpest engineers in the world, a million rough-and-tumble kids, hundreds of CIOs, and thousands of IT staff who are on the desktop front lines every day. That's why the U170 has the most evolved and useful features on the market. For example, many customers complain that they don't have enough power outlets at the desktop and want to eliminate cable clutter, so we designed the U170 to get its power through the USB data cable.

In addition, the model U170 is a high-speed USB 2.0 peripheral that automatically assigns any other USB device attached to it to the user. That way, users don't have to assign their keyboards and mice every time they log in. We also use native USB drivers, so there are no limitations in USB compatibility or performance. And because the U170 device delivers stunning multimedia all the way up to 1650 x 1080 wide screen (or 1600 x 1200) with 32-bit color, it continues the NComputing tradition of delighting users and IT staff alike.

U170 Key Features

- **A genuine NComputing Solution**
  the undisputed global leader with a decade of experience and millions of daily users.

- **Five-minute installation**
  just install vSpace software, attach a keyboard, mouse, and monitor to the U170 device, and you're good to go.

- **Stunning display quality**
  with high resolution and full-screen video.

- **Green and clean**
  only 2 watts per user and it doesn't need a power adapter.

- **Automatic login**
  set each U170 device to log in automatically. Great for kiosks, schools, children, and digital signage.

- **Versatile**
  use the U170 as a compact VESA-mountable docking station for your laptop or netbook!
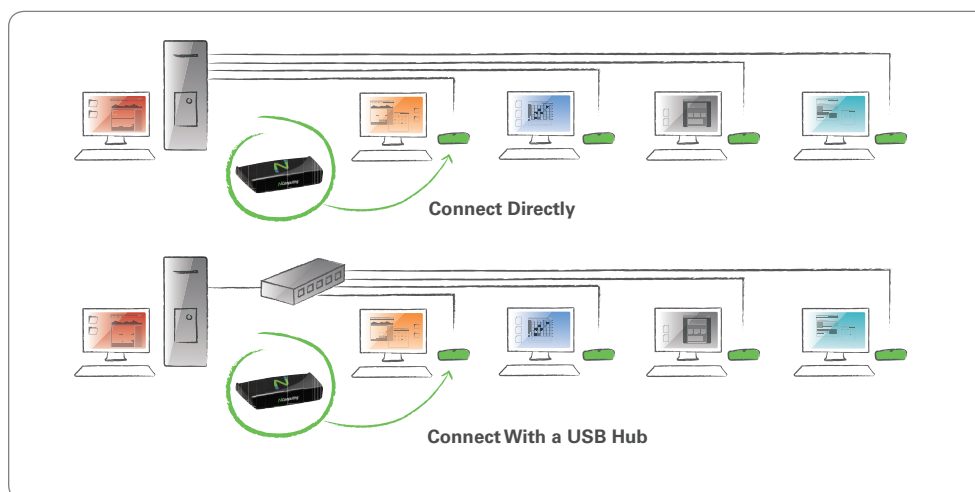
Specifications

Size	Width: 125 mm, Depth: 80, Height: 30 mm
Power Requirement	Powered through the USB cable (additional USB peripherals may require additional power through a powered hub)
LED Indicator	Connecting (flashing light) and Connected (solid light)
Display Resolution	**Normal display resolutions (16- or 32-bit color) @60 Hz** **Wide display resolutions (16- or 32-bit color) @60 Hz** 640x480, 800x600, 1024x768, 1280x1024, and 1600x1200 1280x720, 1360x768, 1440x900, 1600x900, and 1680x1050
Monitor Power-Save Mode	Supports power-saving mode with VESA-compliant monitors
Audio	16-bit stereo audio input / output via 3.5mm stereo jacks
Ports	2 USB 2.0 ports
Multimedia Support	2D graphics; full-screen, full-motion video
Certifications	FCC Class B, CE, MIC, RoHS
Environmental	• 0 to 40 degrees Celsius • 10 to 85% relative humidity (non-condensing) • No moving parts (permits use in high dust / particulate / vibration environments)
Maximum Number of Users Per PC*	Depends on the speed and performance of the PC
Supported Operating Systems**	Microsoft Windows and Linux: refer to the support section at www.ncomputing.com/support for the latest supported versions.
PC Configuration	See Recommended Host Configuration Guide at www.ncomputing.com/support

U170 Connections

- VGA
- Audio IN/OUT
- USB 2.0 (host connection)
- (2) USB 2.0 (keyboard and mouse), also supports optional powered USB hub

Connect directly to a PC's USB ports or use a USB Hub

Connect Directly

Connect With a USB Hub

*   The number of users an 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.

**   Please refer to the Microsoft operating system licensing requirements and technical details at www.ncomputing.com/mslicensing

NComputing™