CITRIX®
PARTNER
Citrix Ready

NComputing's N-series Thin Clients

Citrix® Ready HDX™ Verified

Simple. Powerful. Affordable.

NComputing's N-series Thin Client devices deliver 100% of the HDX experience with complete manageability and enterprise-class support—at one-third the cost. Powered by NComputing's dual core System-on-Chip (SoC), the Numo™ 3, these high performance, multi-tasking devices support high-definition video and other rich media applications.

CITRIX®

NComputing's N-series thin clients are helping accelerate the adoption of virtualization by providing a powerful solution for supporting and extending Citrix HDX deployments.

The N-series delivers 100% of the HDX experience with complete manageability and enterprise-class support—at one-third the cost of alternatives, delivering to you savings you need to cost-effectively expand your Citrix® XenDesktop®, XenApp® or VDI-in-a-Box™ deployment.

N-series thin clients are Certified Citrix Ready HDX Verified and our devices are purpose-built and optimized exclusively for Citrix HDX deployments.

HDX features are seamlessly delivered on the N-series firmware, leaving processor headroom for more multitasking, as well as partner-delivered use case capabilities. They're powered by the specialized NComputing dual core Numo™ 3 SoC to create high performance, multi-tasking thin client devices that support high-definition video and other rich media applications. N-series' high-definition (HD) multimedia performance is equal to or better than the performance of a PC or other traditional thin client devices.

N-Series devices are less costly to acquire and maintain, offer a smaller footprint, use less energy and are easier to implement than alternatives. Physically secure, N-series devices offer encryption for all traffic between the Citrix environment and N-series thin client devices—ensuring minimal network impact with maximum network security. The device offers no independent storage and can be locked down to prevent USB access.

N-series devices are scalable and easily managed using vSpace™ Management Center, enabling complete device management capabilities to inventory, configure, update, reset and organize your N-series devices.

Except for the Citrix Receiver™ software, N-series devices feature no other third-party components in the solution stack, and even the Citrix Receiver is packaged and delivered pre-installed in the N-series device firmware. Customers and partners will experience quicker, smoother deployments with only NComputing and Citrix involved in supporting their efforts.

N-Series Citrix Ready HDX Verified SoC Thin Clients

- Optimized for Citrix HDX deployments
- Certified Citrix Ready HDX Verified
- Highest quality multimedia experience
- Dramatically lower cost, superior HDX performance
- Much lower energy consumption
- Purpose-built dual core SoC for cost reduction, higher reliability, security, manageability and multi-tasking
- Embedded agents & scalable management platform (vSpace® Management Center)
- Citrix Receiver prepackaged in device firmware, making upgrades easy, manageable, fast
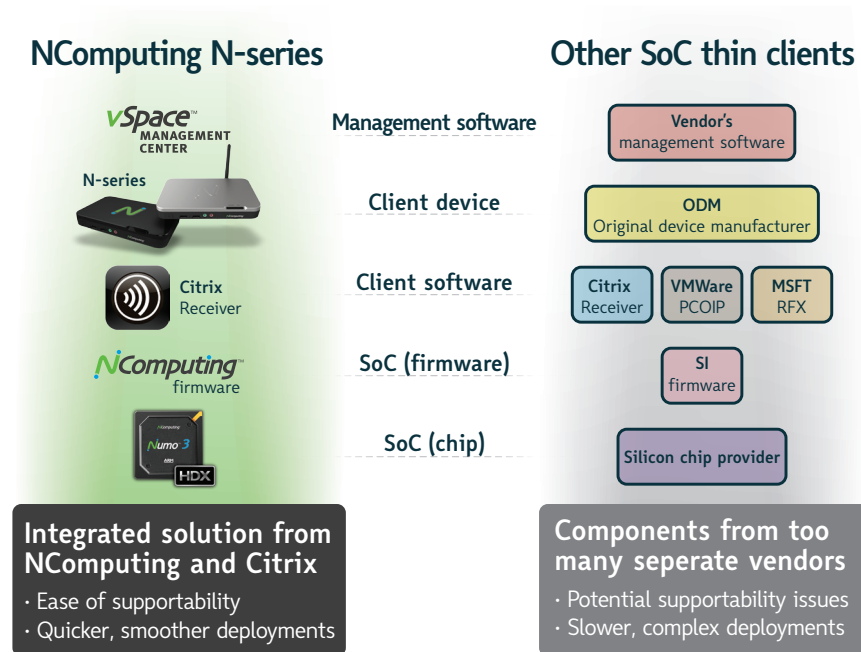
NComputing N-series

Other SoC thin clients

vSpace MANAGEMENT CENTER	Management software
N-series	Client device
Citrix Receiver	Client software
NComputing firmware	SoC (firmware)
Numo 3 HDX	SoC (chip)

Integrated solution from NComputing and Citrix
· Ease of supportability
· Quicker, smoother deployments

Vendor's management software

ODM Original device manufacturer

Citrix Receiver | VMWare PCOIP | MSFT RFX

SI firmware

Silicon chip provider

Components from too many seperate vendors
· Potential supportability issues
· Slower, complex deployments

Figure 1. N-series Thin Client Device: An Integrated Solution from NComputing and Citrix with fewer components and the ability to be efficiently deployed and easily supported

Simple Portfolio
Meets Multiple Needs

NComputing's simple portfolio enables powerful, cost-effective yet expansive choices to suit any need.

- **The N500** provides the full multimedia capabilities demanded by knowledge workers and other demanding environments. Options for dual monitor functionality as well as wireless support are available with this model
- **The N400** is the thin client of choice for task workers and those workers with light multimedia needs

Numo 3 System on Chip (SoC)
Powerful Performance Wins

Because of the offloading and intelligent use of the Numo 3 SoC technology, N-Series device performance is dramatically improved. All the HDX features are seamlessly delivered on the firmware, leaving processor headroom for more multi-tasking, as well as partner-delivered use case capabilities.

Video and Flash Video
Multimedia Experience Equal to/Better than a PC

The N-series device makes computing access simple: with a click of the mouse, the user has his or her unique personalized desktop on demand with high defini-tion, multimedia performance equal to or better than the performance of a PC or other traditional thin client device. N500 devices incorporate client-side rendering capabilities for efficient playback of video content and uses server-side rendering for flash video playback. They display content up to full HD at 1080p. N400 de-vices support a full HDX user experience with up to HD720p and utilize server-side rendering for video and flash video playback.

NComputing®

vSpace Management Center for N-series
Implementation and Maintenance Ease

You need fewer IT staff with only a basic understanding of computing, networking and Windows-based applications to implement and deploy N-series devices. With complete device management capabilities to inventory, configure, update, reset and organize your N-series devices, vSpace Management Center frees IT staff for other strategic initiatives. The device management software is a web-based application accessible over the web, is simpler to understand and easily maintains devices.

Codecs
Future-Proofing that Protects the Business

N-series devices are future proof. They contain standardized codecs (for example, H.264), and the Citrix Receiver is prepackaged in the device firmware unlike competing thin clients, thus making the most recent receiver upgrades easily managed and fast. N-series devices support only HDX, thus eliminating conflicts between protocols and making the device software less complicated and more trouble free.

Low Acquisition Cost
More Capital for Strategic Infrastructure

Compared to other venders in the market, NComputing offers one of the lowest cost Citrix Ready HDX Verified thin client devices without compromising performance. All N-series devices ship with free mounting accessories, while a separate mounting accessory for competitor thin client devices must be purchased at additional cost.

Power Management
Low Energy Consumption, Lower OPEX

N-series devices use far less energy to operate than alternatives. With power consumption at less than 5 watts, the devices can provide significant savings to energy bills. N-series power consumption would cost you on average $36 in energy costs per device over a three year period. With similar usage over the same three year preiod, competitive thin clients sometimes use double that amount of energy, and a PC uses tremendously more than 5 watts per device, making them vastly more expensive in energy-consumption. The N-series devices also help keep work environments quiet and uncluttered with its sleek design, no moving parts, and small footprint.

Secure
Physically Secure and Sanitary Device

N-series devices are secure and sterile with no moving parts. Physically secure, the devices utilize encryption, ensuring minimal network impact with maximum network security. No data is stored on the device, thus enabling desktop access in locations where high security is needed and where PC loss, theft or security breaches cannot be tolerated. The devices make secure, cost-effective shared computing possible in specialized settings such as classrooms, labs, clinics or hospitals, call centers and help desks. N-series devices leverage authentication solutions such as Imprivata® OneSign® Single Sign-On with 2-factor authentication supported on proximity card readers, thus enabling flexwork with single sign-on and Tap In Tap Out for workers moving from station to station and room to room.

NComputing®

Cost-Effective, Expansive Choice

NComputing's simple portfolio enables powerful, cost-effective yet expansive choices to suit any need. As a result, with N-series devices, Citrix customers can expand their XenApp, XenDesktop and VDI-in-a-Box deployments at dramatically lower cost and without compromising the HDX experience. Citrix customers leveraging the N-series architecture can add value to their desktop solution with new use case capabilities enabled by advances in the Citrix Receiver and optimized by the N-series.

N-series thin client devices are available through a global network of partners: http://www.ncomputing.com/partners/find.

For more information on the N-series devices, please visit: http://www.ncomputing.com/products/nseries

Corporate Headquarters
Fort Lauderdale, FL, USA

India Development Center
Bangalore, India

Latin America Headquarters
Coral Gables, FL, USA

Silicon Valley Headquarters
Santa Clara, CA, USA

Online Division Headquarters
Santa Barbara, CA, USA

UK Development Center
Chalfont, United Kingdom

EMEA Headquarters
Schaffhausen, Switzerland

Pacific Headquarters
Hong Kong, China

About Citrix Ready

Citrix Ready identifies recommended solutions that are trusted to enhance the Citrix Delivery Center infrastructure. All products featured in Citrix Ready have completed verification testing, thereby providing confidence in joint solution compatibility. Leveraging its industry leading alliances and partner eco-system, Citrix Ready showcases select trusted solutions designed to meet a variety of business needs. Through the online catalog and Citrix Ready branding program, you can easily find and build a trusted infrastructure. Citrix Ready not only demonstrates current mutual product compatibility, but through continued industry relationships also ensures future interoperability. Learn more at **www.citrix.com/ready**.

About NComputing

NComputing accelerates the adoption of desktop virtualization through a unique formula of simplicity, performance and value. NComputing serves more than 50,000 businesses across 140 plus countries worldwide with a focus on education, healthcare, manufacturing, financial services and government markets.

NComputing markets and sells its portfolio of desktop virtualization offerings via a worldwide network of over 1600 value-added reseller and channel partners delivering complete solutions to their customers. NComputing maintains strategic global alliance partnerships with key technology providers in the desktop virtualization market, such as Citrix and Microsoft. Global sales offices support customers and partners in North and South America, Europe, India and the Asia Pacific region.

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