N-series Citrix Ready HDX Verified System-on-Chip (SoC) thin client devices

For organizations looking to broaden their commitment to Citrix XenApp® and/or XenDesktop®, the new NComputing N-series Citrix Ready HDX Verified System-on-Chip (SoC) thin client devices deliver 100% of the HDX experience at a fraction of the cost of PCs or other thin clients.

NComputing next-generation thin clients are optimized for HDX and powered by the Numo™ 3 System-on-Chip, which delivers a high performance client supporting HD video sessions using less than 5 watts of power. With full manageability, support, and at low cost, enterprise organizations can now cost-effectively extend their Citrix deployments to more users, allowing them to gain fuller access to the many benefits of desktop virtualization.

N-series Benefits

- Optimized for HDX
- Full Screen HD Video
- Uses Less Than 5 watts
- Centrally Managed
- Low Price Point

N400 Features

- Numo 3 System on Chip (ARM)
- 4 USB 2.0 Ports
- Proximity cards
- Resolution up to 1920 x 1080
- Zero footprint VESA mount
- Audio Out (Headphones)
- Audio In (Microphone)

Additional N500 Features

- Full HD 1080p Video Playback
- 10/100/1000BASE-T Ethernet
- Dual display option
- 802.11b/g/n Wi-Fi option
- 802.1x (PEAP, EAP-TLS, EAP-TTLS) [N500w only]

N400   **N500w**

N-series in Healthcare

The healthcare industry understands the value of virtualizing their environments and is always looking for ways to make it faster, easier, more flexible, or more powerful. While the benefits of a virtualized environment are ample, the user device often goes overlooked as a way to fully maximize both user experience and return on investment.

For any virtualized environment running Citrix XenApp® and/or XenDesktop® the NComputing N-series Citrix Ready HDX Verified System-on-Chip (SoC) thin client devices are any healthcare provider's key to making their virtualized environment even more simple, more powerful and more affordable. The N-series was built from the ground up to be fully optimized for (and in fact, solely supports) the Citrix HDX protocol.

NComputing has taken our support for HDX environments in healthcare one step further by integrating with Imprivata® OneSign® to ensure that doctors, nurses, clinical, and support staff have secure No Click Access™ to appropriate data and applications by the authorized individual at the point of care (POC)—hospitals, satellite clinics, labs, and doctors' private-practice and home offices.

Numo™ 3

CITRIX® READY
SoC Verified

CITRIX® READY
HDX Verified

1 2 3 4

5 2 6   7   8 9

N-series Thin Client

1. Power Button

2. USB 2.0 Ports

3. Headphone

4. Microphone

5. Wi-Fi Antenna (optional)

6. Ethernet (RJ-45)

7. DVI-I

8. Power

9. Security Slot

Supported N-series devices:

• N400, N500 & N500w with 1.6.0 firmware.

Tested and validated with these major HDX offerings including:

• XenDesktop versions: 5.0, 5.5, 5.6, 7.1, 7.5

• XenApp versions: 6.0, 6.5, 6.5 Feature Pack 2, 7.1, 7.5

N-series N400 and N500

N500: The workhorse of the N-series family of thin clients, the N500, provides the full multimedia capabilities demanded by doctors, physicians, health care providers, and other demanding environments. The N500 incorporates full client-side rendering for efficient playback of video content, and uses server-side rendering for flash video playback. It displays content up to full HD at 1080p. The N500 also provides options for dual display and wireless connectivity (not available with the N400). Also powered by the Numo™ 3 SoC, the N500 sets the new standard for price/performance in the thin client market with its rich set of features and capabilities.

N400: The N400 is the thin client device of choice for nurses and healthcare staff who don't need full multimedia capabilities. The N400 combines the proven horsepower of the third generation Numo™ 3 SoC with the deep understanding of desktop virtualization to support full HDX sessions up to HD 720p and uses server-side rendering for video and flash video playback.

N-Series Healthcare Use Cases

N-series thin client devices can be used at nursing workstations, at point of care, within records management and across the entire workflow of patients and providers. The cost-effective client enables role-based, secure access for doctors, nurses and other staff to easily log in to patient records, lab results and clinical applications, as well as personalized desktops. Some of the most common healthcare use cases for the N-series include:

• View point-of-care applications in fixed or roaming locations

• Support shared workstations, persistent session state from one station to another, and high performance for data- and graphics-intensive applications to support medical imaging

• Enable highly secure access to medical records and hospital systems

Centralized Management and Premium Support

With options for centralized management and mission critical premium support, in addition to a dramatically lower price than alternative endpoints, N-series devices transform the economics of enterprise desktop virtualization, enabling organizations to more fully extend their Citrix and HDX deployments.

The new vSpace Management Center includes complete device management capabilities to inventory, configure, update, reset and organize your N-series devices. NComputing Premium Support provides additional resources designed to maximize the return on your technology investment and ensure uptime and end user satisfaction.

	FEATURE	N400	N500
GENERAL	Citrix Ready HDX Verified	Yes	Yes
	Citrix Ready HDX 3D Pro Verified	No	Yes
	Powered by Numo™ 3	Yes	Yes
	DRAM Memory	512 MB	1 GB
GRAPHICS CAPABILITY	Primary display	1920x1080	1920x1080
	Secondary display option	No	1920x1200
VIDEO	Playback	HD 720p (server-side rendering with hardware acceleration on the client)	Full HD 1080p (client-side rendering with hardware acceleration)
CODECS	Client-side rendering	No	H.264, MPEG-4, VC1
FLASH VIDEO	Playback	HD 720p (server-side rendering with hardware acceleration on the client)	Full HD 1080p (server-side rendering with hardware acceleration)
POWER MANAGEMENT	Power	5 W	5 W
	Standby power	1.5 W	1.5 W
	Instant on	Yes	Yes
PERIPHERAL SUPPORT	USB keyboard & mouse	Yes	Yes
	USB 2.0 ports	4	4
	Proximity cards	External USB	External USB
MANAGEMENT	Centralized management option	Yes	Yes
	Remote upgrade option	Yes	Yes
NETWORKING	Ethernet	10/100/1000BASE-T	10/100/1000BASE-T
	Wi-fi option	No	802.11b/g/n *
			802.1x (PEAP, EAP-TLS, EAP-TTLS) *
			WPA-Enterprise, WPA2-Enterprise, WEP, Open *

*factory install on N500w only

	MODEL	SKU
PROXIMITY CARD READERS SUPPORTED WITH IMPRIVATA ONESIGN	RFIDeas Access Control Reader	RDR-80582AKU
	RFIDeas pcProx HID	RDR-6082AKU
	RFIDeas AIR ID (Mifare) CSN	RDR-7582AKU

N-series products are RoHS compliant and have been EMI certified according to FCC, EC, KCC and Canada's ICES standards. They have also attained UL and EC safety certifications. Declarations of Conformity available upon request.

Why NComputing, Inc.

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 world- wide 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.

Availability

N-series thin client device is available through a global network of partners:
http://ncomputing.com/partners/contact

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

About Imprivata Developer Program

The Imprivata Developer program enables software and hardware vendors to seamlessly integrate strong authentication into any application or physical device through the Imprivata OneSign ProveID™ API. Critical points in your solutions workflow that require positive user identification or re-authentication such as medication ordering, ePrescribing, or chart signing can be simply and quickly enabled. Imprivata OneSign® takes care of securing password information, audit and compliance reporting, password change automation and out of the box support for the broadest range of authentication modalities.

For more information, please visit
www.imprivata.com/partners/developer/imprivata-developer-program

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