

MX100S Standard Edition

3-in-1 thin client kit for affordable desktop computing

The NComputing MX100S provides a high performance, low cost computing solution for a simple, powerful & affordable desktop computing alternative.

Key Features & Benefits

- Each **MX100** kit includes 3 client devices (primary and two satellites)
- Share one computer with up to 45 users
- Powered by Numo SoC
- USB 2.0 keyboard and mouse
- USB 2.0 peripheral support
- Microphone & audio out
- Energy-efficient (typically 2W/user)
- Slash acquisition cost by as much as 65%, maintenance cost by 80% and energy cost by 90%.
- Powerful vSpace® Server desktop virtualization software included
- Easy to set up, maintain, manage and secure
- Compact and reliable (no fans or disks)
- Managed by integrated vSpace management software

As the industry's premier 3-in-1 thin client offering, each **MX100S Standard Edition** kit works with NComputing's **vSpace Server** software to deliver a high quality, media-rich Windows desktop experience to 3-users. Architected as an end-to-end solution and built to be simple to deploy, operate and maintain, the hardware, software and protocol components work seamlessly to provide the best user experience. Multiple **MX100S Standard Edition** kits and a single **vSpace Server** can deliver Windows desktops for up to 45-users at fraction of the cost of PCs and typical thin-clients. Users don't even know they are sharing a single computer and the whole solution can be managed by users with only basic IT computer skills.

Ideal for workgroup computing, classrooms, computer labs, training rooms, libraries and small business, the **MX100S Standard Edition**, delivers innovation combined and incredible value to customers with a simple, powerful and highly affordable desktop computing solution.

The **MX100S: Standard edition** (3-users kit) comes bundled with NComputing **vSpace Server** licenses.

Multiple **MX100S** kits can be deployed on an existing LAN infrastructure to deliver Windows desktops to up to 45 users from a single **vSpace Server**.

Benefit from superior multimedia capabilities, USB peripheral support and the highest number of users per host computer—all at a very affordable price. The economics improve even more with:

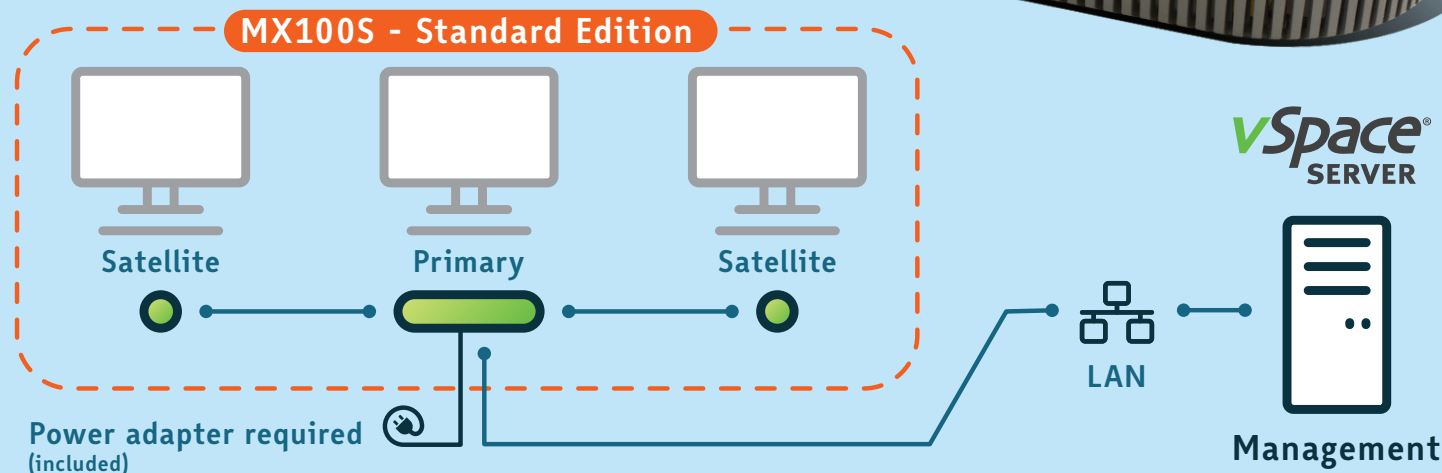
- vSpace® Server's ability to deliver Windows desktops to multiple users from a single computer.
- With a single power adapter and network cable for all three, cables are reduced by one-third

MX100 rewrites new affordability standards in shared computing by slashing acquisition cost by as much as 65%, maintenance cost by 80% and energy cost by 90%.



MX100S: Standard edition

Connect to up to 45 users to a single vSpace Server anywhere on LAN.



Included:

- 1X primary device
- 2x satellite devices
- Power supply with power cord
- 3x monitor mount brackets
- 2x 6-foot satellite link cables (USB Type-A to USB Type-B)
- Quick install guide
- vSpace Server installation rights.

FEATURES

UP TO 45 USERS PER HOST

Fewer PC's to manage and lower annual operating costs

HIGH QUALITY GRAPHICS

Second generation NUMO SoC device provides full screen video streaming up to 1920x1080 resolution

VSPACE SERVER

Simple to install, easy to configure and fast to set up (complimentary licenses included)

CENTRALIZED MANAGEMENT

Save time deploying and managing multiple vSpace Servers and client devices

SERVICE AND SUPPORT

Provides the resources you need to maximize your technology investment and improve system uptime

SUPPORTED OPERATING SYSTEMS

Microsoft Windows *** — Refer to the support section at ncomputing.com/support for the latest supported versions.

PC HOST REQUIREMENTS

See recommended hardware configuration guide at ncomputing.com/support

MAX USERS PER VSPACE SERVER

45

HARDWARE SPECIFICATIONS

DESCRIPTION

PROCESSOR

Second generation Numo® 2 SoC provides full screen video streaming

SIZE

Primary client 270mm (w) x 80mm (d) x 35mm (h)

Satellite client 75mm (w) x 75mm (d) x 25mm (h)

VIDEO RESOLUTION

800x600, 1024x768, 1280x800, 1280x1024, 1360x768, 1440x900, 1920x1080*

AUDIO

16-BIT Stereo DAC via standard 3.5mm speaker port

MICROPHONE

16-BIT MONO microphone audio input via standard 3.5mm microphone port

MOUSE & KEYBOARD

Support for USB 2.0 mouse and keyboard devices (HID devices)

NETWORK

10/100/1000 Mb/s Ethernet speed support (100Mb/s speed or higher preferred)

USB 2.0

Primary client 3 x USB 2.0 ports for peripheral & keyboard/mouse

Satellite client 3 x USB 2.0 ports for peripheral & keyboard/mouse

WEIGHT

Primary client 0.24 kg / 0.53 lbs

Satellite client 0.06 kg / 0.13 lbs

KIT SHIPPING WEIGHT

1.06KG / 2.34 LBS (includes 3 client devices, power adapter, documentation, 3 VESA mount plates and 2 USB A-B cables)

POWER

Input: 100-240 VAC, 50-60 Hz; Output: 12 VDC, 1.5 A; Nominal power consumption: ~6 W (without peripheral USB devices)

FRONT LED INDICATORS

Primary client Power LED - Blue when power supply is ok
LAN LED - Solid blue when connected to LAN; blinking when communicating

Satellite client Status LED - Solid blue when connected to primary client

SATELLITE LINK CABLES

USB 2.0 Printer cable between the primary client and each of the satellite clients (2x 2 meter USB A-B cable included)

INTERNAL HW

NComputing Numo2 System-on-Chip; Solid-state design, no moving parts, no fans, no local user storage; Embedded NComputing firmware (no local user OS)

RELIABILITY

Reliability (MTBF) >250,000 hours (calculated using Bellcore Issue 6 TR-332, Case 2, Part I at 40°C)

CERTIFICATIONS

FCC Class A, CE, KCC and RoHS compliant

Connections

1. Headphones (audio-out)
2. USB 2.0
3. Microphone (analog-in)
4. Satellite 3 link
5. Satellite 3 VGA
6. DC Power
7. RJ45 - LAN
8. Primary VGA
9. Primary Keyboard & Mouse
10. Satellite 2 VGA
11. Satellite 2 link
12. Mouse
13. Link to Primary
14. Keyboard

Satellite: Front



Satellite: Back



Primary: Front



Primary: Back



* Fully supported in Q3, 2016