NComputing®

Citrix Ready Workspace Hub RX420 (HDX)

HDX Optimized Thin Clients for Enterprises
+ Support for native dual displays and 5GHz WLAN Deployment

RX420 (HDX) Features

- Built-in 5GHz and 2.4GHz 802.11 b/g/n/ac Wi-Fi

- Citrix Ready HDX optimized

- Integrated enterprise-level device management

- Native dual display with 4K resolution support

- Skype for Business optimization with RTME support

- Citrix Casting and proximity authentication support

- Optimized for GPU offloading

- Resolution up to 4K@60Hz single display or 4k@30Hz dual display

- 2 USB 3.0 and 2 USB 2.0 high-speed ports with transparent USB redirection

- 802.1x (PEAP, EAP-TLS, EAP-TTLS) support

- 16 GB internal Micro SD card and 2GB RAM

- Built-in Kensington security slot and sealed micro SD card for added protection

- Less than 10W power consumption

- Power button with sleep mode

- VESA mount kit included

Optional Features

- Imprivata and Caradigm SSO support (additional licenses required)

The RX420 (HDX) thin client is built on the Raspberry Pi 4 platform, fully optimized for Citrix HDX Ready integration achieving compelling performance. With native dual monitor support, integrated enterprise-grade device management software, built-in ethernet & WiFi, the RX420 (HDX) further extends its performance and flexibility to deliver a purpose-built desktop virtualization solution for Citrix enterprise customers.

For organizations looking to broaden their commitments to Citrix Virtual Apps and Desktops, the new *NComputing* RX420 (HDX) thin clients for Citrix HDX deliver 100% of the HDX experience at a fraction of the cost of PCs or other thin clients.

Optimized for Citrix HDX

The quadcore Broadcom 2711 (ARM v8) 64-bit system-on-chip provides the 4K dual display resolution demanded in today's environments while still using less than 10 watts of power. The RX420 (HDX) incorporates full client-side rendering for efficient playback of video content, including browser content redirection support and server-side rendering for flash video playback.

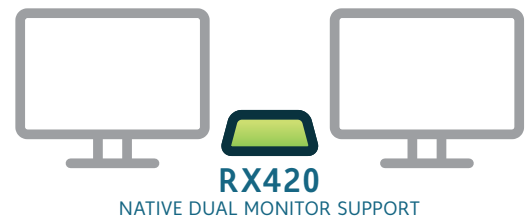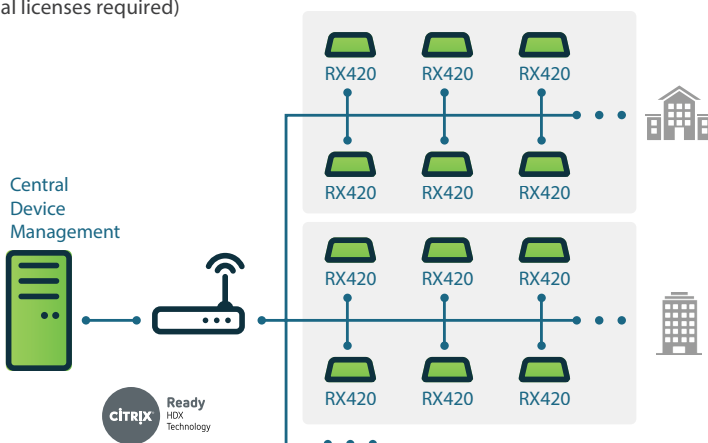### Integrated Enterprise-Level Central Device Management

NoTouch Center, the integrated device management software, can handle deployments across one or more sites with up to 50,000 connected devices. Simplify typical management tasks such as firmware updates, configuration changes, and device resets. This cost-effective solution helps extend the benefits of desktop virtualization to multiple use-cases across the organization.

Citrix Casting and Proximity Authentication Support

Employee productivity gets a boost with Citrix Casting, allowing users to securely and seamlessly move their virtual app and desktop sessions from mobile devices to the RX420 (HDX) Citrix Ready Workspace Hub.

Native Dual Monitor Support

Two micro-HDMI ports support either a single display with resolutions up to 4K @60Hz or dual display configurations of up to 4k@30Hz.

Central Device Management

CITRIX Ready HDX Technology

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RX420
NATIVE DUAL MONITOR SUPPORT

POWERED BY RASPBERRY PI

Supported Citrix Environments:

- **XenApp/XenDesktop versions**:
  7.6, or newer

- **Virtual Apps and Desktops versions**:
  7 1808 or newer

- **StoreFront**:
  3.x, 1811 or newer (including connections through Citrix Gateways)

- **Web Interface**:
  5.4

Supported VMware Horizon Environments*:

- Horizon 7.0 or newer

- Horizon 6.0, 6.1, 6.1.1, 6.2

- With Horizon Client version 4.8 or newer

  *with firmware version 3.2.306 or higher

RX420 (HDX) Connections

1. Power button with sleep mode for additional power savings (on top)

2. 2 USB 3.0 and 2 USB 2.0 High-Speed ports with full USB redirection support (2 required for mouse and keyboard)

3. Gigabit Ethernet RJ45 port

4. Kensington security port

5. Power in (USB-C)

6. Dual micro HDMI video output

7. Speaker jack: 16bit/44kHz/Stereo high-quality audio

Skype for Business Optimization

Deliver high-definition audio-video conferencing with HDX Real-Time Media Engine support. Seamlessly participate in audio-video or audio-only calls with other HDX RTME users, Skype for Business, and other standards-based video and conference room systems.

Broad USB Peripheral Support

USB devices are transparently redirected, supporting mass storage, printers, scanners, smart card readers, headsets/speakers, webcams, COM ports, and 3D mice. Network-connected printers are also available to Citrix sessions.

HARDWARE	DESCRIPTION
KIT CONTENTS	Each RX420 (HDX) kit includes 1 access device, 1 power supply, 1 internal 16 GB SD card, 1 VESA mount kit and a Quick Installation Guide.
SIZE	Width: 76 mm / 3 inches, Depth: 93 mm / 3.7 inches, Height : 30 mm /1.2 inches
WEIGHT	105g / 0.23 lbs Shipping weight (includes power adapter, packaging, document): 0.33kg / 0.72 lbs
POWER SUPPLY	5.0VDC (3A) power supply included
POWER CONSUMPTION	10W max (independent of external USB devices)
LED INDICATORS	Power, network link, and network activity
DISPLAY	Dual micro-HDMI video ports supporting resolutions up to 4K @ 60Hz single display or 4K@30Hz dual display
VIDEO	• Full HD 1080P with H.264 support (client-side rendering with hardware acceleration) • Full HD Flash video 1080P support (server-side rendering)
SOC	Broadcom BCM2711, 1.5GHz 64bit Quad Core Cortex A72 Dual core VideoCore IV, Multimedia Processor
MEMORY	• Mass storage: 16 GB internal Micro SD card • RAM: 2GB
MONITOR POWER-SAVE	Sleep mode button to turn off display output for power saving mode
NETWORK AND CONNECTIVITY	• Gigabit Ethernet RJ45 port • Wi-Fi (5GHz and 2.4 GHz 802.11 b/g/n/ac) • Bluetooth 5, BLE
AUDIO	16-bit/44kHz/Stereo high quality digital audio with support for USB2.0 audio devices or via 3.5mm stereo audio jacks for headphone
PERIPHERAL SUPPORT	2 USB 3.0 and 2 USB 2.0 high-speed ports with transparent USB redirection
WARRANTY	1 year hardware warranty included; Optional extended hardware warranty available
MOUNT	VESA mount included
OPTIONS	**RX420 Micro-HDMI cable Kit**: (SKU 700-0035) 2 sets of 1.2 M Micro-HDMI cables **RX420 Micro-HDMI adapter kit**: (SKU 700-0034) 2 sets of 15cm Micro-HDMI to HDMI adapter dongles **RX440(HDX)**: (SKU 500-0190) contains 4GB of RAM. Only available by request.

RX-series products are RoHS compliant and have been EMI certified according to FCC, CE, BIS and KC standards.