

Citrix Ready Workspace Endpoint RX420(IGEL) Powered by IGEL OS

RX420(IGEL) Features

- Built-in 5GHz & 2.4GHz 802.11 a/b/g/ac Wi-Fi
- Citrix Ready HDX optimized
- Easy, efficient enterprise management & control
- Chromium browser
- Native dual display with 4K resolution support
- Citrix Casting and proximity authentication
- 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
- Embedded IGEL OS with 30 days starter license*

*90 days with registration; RX420(IGEL) requires a license for IGEL Workspace Edition which includes IGEL OS, IGEL Universal Management Suite software, multimedia codecs and a high availability option. The IGEL OS license is portable to other devices. Different support options are available.

HDX Optimized Thin Clients for Enterprises + Support for Native Dual Displays and 5GHz WiFi Deployment

The RX420(IGEL) thin client is built on the Raspberry Pi 4 platform, fully optimized for Citrix HDX Ready integration achieving compelling performance, running the IGEL OS operating system. With native dual monitor support, integrated enterprise-level device management software, built-in Ethernet & WiFi, the RX420(IGEL) delivers outstanding 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(IGEL) 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

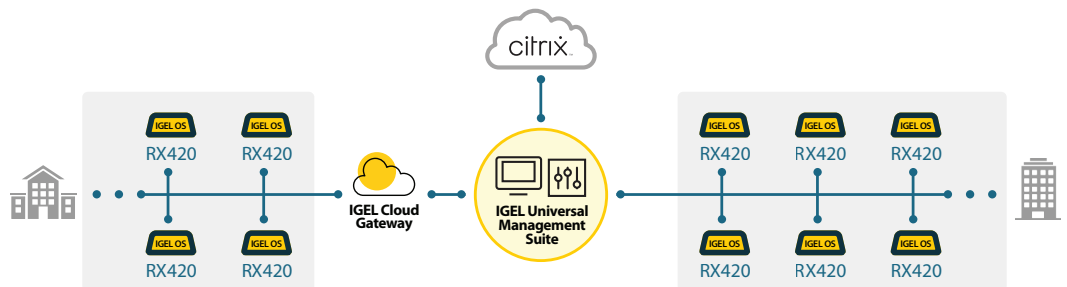
The quad core Broadcom 2711 (ARM v8) 64-bit system-on-chip provides the 4K dual display resolution demanded in today's environments while still using less than 10 watts of power. The RX420(IGEL) incorporates full client-side rendering for efficient playback of video content, including browser content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

Easy, efficient enterprise management & control

The IGEL Universal Management Suite and its simple yet powerful user interface makes it easy for a non-expert to control and manage from just a few to up to 300,000 connected devices with minimal training. Simplify typical management tasks such as firmware updates, configuration changes, and device resets, even in hybrid environments.

Citrix HUB and Proximity Authentication

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(IGEL) Citrix Ready Workspace Hub* running in the Chromium browser.



Supported Citrix Environments:

- Citrix Workspace App 2006, 2010 or newer
- Citrix Workspace Hub*

* Citrix Workspace Hub functionality is **experimental** and not of general availability quality, and is not supported by either NComputing or IGEL. Customers are advised that all features of Workspace Hub may not be fully functional.

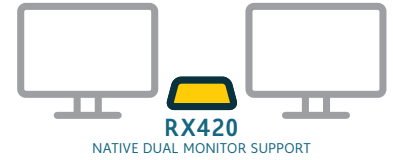
RX420(IGEL) Connections

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



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.



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(IGEL) 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	<ul style="list-style-type: none"> ■ Full HD 1080P with H.264 support, in session (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	<ul style="list-style-type: none"> ■ Mass storage: 16 GB internal Micro SD card ■ RAM: 2GB; 4GB available in RX440(IGEL)
MONITOR POWER-SAVE	Sleep mode button to turn off display output for power saving mode
NETWORK AND CONNECTIVITY	<ul style="list-style-type: none"> ■ Gigabit Ethernet RJ45 port ■ Wi-Fi (5GHz and 2.4 GHz 802.11 b/g/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 OPTIONS	VESA mount included
OPTIONS	<ul style="list-style-type: none"> ■ Micro-HDMI cable Kit: (SKU 700-0035) 2 sets of 1.2 M Micro-HDMI cables ■ Micro-HDMI adapter kit: (SKU 700-0034) 2 sets of 15cm Micro-HDMI to HDMI adapter dongles ■ RX440(IGEL): (SKU 500-0208)

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