



What's New in Version 200.16?

What's New in Unleashed Version 200.16?

This application note describes the new features available in RUCKUS Unleashed version 200.16. This document assumes familiarity with the RUCKUS Unleashed product line and the features of earlier release version 200.15.

RUCKUS Unleashed is a premium local network management solution for demanding residential and small business networks. Optimized for audio and video streams, the Unleashed provides the most robust infrastructure for your audio-visual setups, conferencing, and multimedia applications.

Remote management for multiple locations is supported through Unleashed mobile app, Unleashed Portal, and Unleashed multi-site manager, UMM for end user, network professional and AV professional. The Unleashed master is automatic elected to support up to 2,048 clients. For large number of clients, the Unleashed **dedicated master mode** expands the clients support up to 4,000. If the business scales even further, RUCKUS Unleashed offers migration options to RUCKUS SmartZone or RUCKUS One cloud Wi-Fi.

Unleashed optimization for Pro AV end points

Starting from 200.15, RUCKUS Unleashed is optimizing its features and setup flows to align with demanding audio and video streaming in a small network. 200.16 adding up a new AV profile feature. Pro AV installer can easily discover and setup the compatible ICX switches. Onboarding and management are simple and easy. The remote management capability and overall network visibility came from Unleashed enables more possible ways of support for end customers.

The pro AV features are tested with the most popular end points to guarantee the system compatibility including AES67, Dante, Crestron, NDI, and Sonos.



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New Feature Highlights

Key features and enhancements in this release are:

Feature	Brief Description and Benefits
Network optimization for pro AV installations	<ul style="list-style-type: none">• Optimized settings for Sonos speakers• AV Profile for ICX AV switch configuration and management which compatible with AES67, Dante, Crestron, and NDI devices.
New or enhanced features	<ul style="list-style-type: none">• Update the SpeedFlex network speed test with Iperf3• Client roaming with AVC info: to maintain the same meta data with the same recognized application flow when the client is roaming• New load balance and band balance support
User Experience and User Interface	<ul style="list-style-type: none">• Miscellaneous UI updates



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Supported AP models in Unleashed 200.16

Unleashed version 200.16.7.0 supports the following RUCKUS Wi-Fi 6 access point models. Wi-Fi 5 access points are not supported from 200.16.

Indoor Wi-Fi Access Points	
Unleashed R850	Indoor Wi-Fi 6 Twelve Spatial Streams Access Point
Unleashed R750	Indoor Wi-Fi 6 Access Point with Multi-gigabit Backhaul for Ultra-Dense Device Environments
Unleashed R650	Indoor Wi-Fi 6 Six Spatial Streams Access Point
Unleashed R550	Indoor Wi-Fi 6 Four Spatial Streams Access Point
Unleashed R350	Indoor 802.11ax Wi-Fi Access Point
Unleashed H550	Wall-mounted Wi-Fi 6 Access Point for Dense Device Environments
Unleashed H350	Wall-mounted Wi-Fi 6 Wi-Fi Access Point

Outdoor Wi-Fi Access Points	
Unleashed T750 Series (T750, T750se)	Outdoor Wi-Fi 6 Eight Spatial Streams Access Point
Unleashed T350 Series (T350c, T350d, T350se)	Outdoor 2x2:2 2.4/5GHz Wi-Fi 6 access point with omni and directed antennae



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Supported ICX switches in Unleashed 200.16

Unleashed version 200.16.7.0 supports ICX7XXX and IXC8200 switch management. Additionally, a subset of ICX8200 is selected and tested for pro AV device compatibility. The selected AV switches are supported with Unleashed AV profile from 200.16.

AV profile supported switches	
ICX8200-48P/PF/PF2	<ul style="list-style-type: none">• 48× 10/100/1000 Mbps RJ-45 PoE+ 802.3at ports• 4× 1/10/25 GbE uplink/stacking SFP28 ports• 370 ~ 1,440 W PoE budget
ICX8200-24PV	<ul style="list-style-type: none">• Rear facing ports with blue LED in front• 24× 10/100/1000 Mbps RJ-45 PoE+ 802.3at ports• 4× 1/10/25 GbE uplink/stacking SFP28 ports• 370 W PoE budget (150 W with fan-off mode)
ICX8200-C08PFV	<ul style="list-style-type: none">• Rear facing ports with blue LED in front• Black chassis fan-less design for AV media center• 8× 10/100/1000 Mbps RJ-45 PoE+ 802.3at ports• 2× 1/10GbE uplink/stacking SFP+ ports• 124 W PoE budget

Multi-Gig/ 10G POE++ switches	
ICX8200-48ZPF2	<ul style="list-style-type: none">• 32× 10/100/1000 Mbps RJ-45 PoE+ 802.3at ports• 16× 2.5 bps RJ-45 PoE++ 90 W ports• 4× 1/10/25 GbE uplink/stacking SFP28 ports• 1,480 W PoE budget
ICX8200-24ZP	<ul style="list-style-type: none">• 24× 2.5 bps RJ-45 PoE++ 90 W ports• 4× 1/10/25 GbE uplink/stacking SFP28 ports• 740 W PoE budget (150 W with fan-off mode)
ICX8200-C08ZP	<ul style="list-style-type: none">• 4× 2.5 Gbps RJ-45 PoE++ 90 W ports• 4× 10 Gbps RJ-45 PoE++ 90 W ports• 4× 1/10/25 GbE uplink/stacking SFP28 ports• 240 W PoE budget



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