MikroTik

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RB1100AHx4 Dude Edition

The new RB1100AHx4 Dude Edition uses a new quad core Cortex A15 chip from Annapurna Labs, an Amazon company. The chip is clocked at 1.4GHz for a maximum throughput of up to 7.5Gbit/s.

Unit features several high speed storage mounts (two SATA and two M.2) for using a Dude database, proxy cache, or any other storage intensive feature. It includes a 60GB M.2 solid-state drive and comes with Dude package already installed to work out-of-the box.

$349
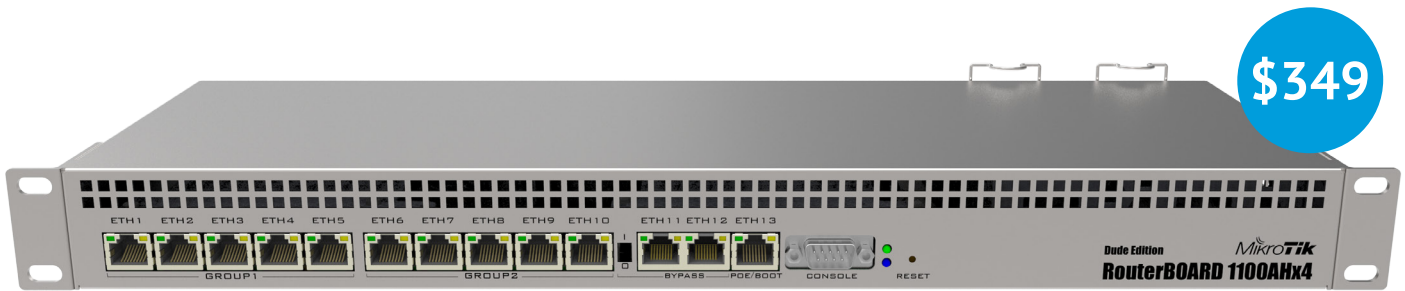
The RB1100AHx4 Dude Edition supports IPsec hardware acceleration and is faster at it than any previous RouterBOARD device.

The unit features two IEC failover power connectors, supports passive or 802.3at/af PoE input and has a DC telecom power connector for -48V DC powering. It uses passive cooling and is absolutely quiet.
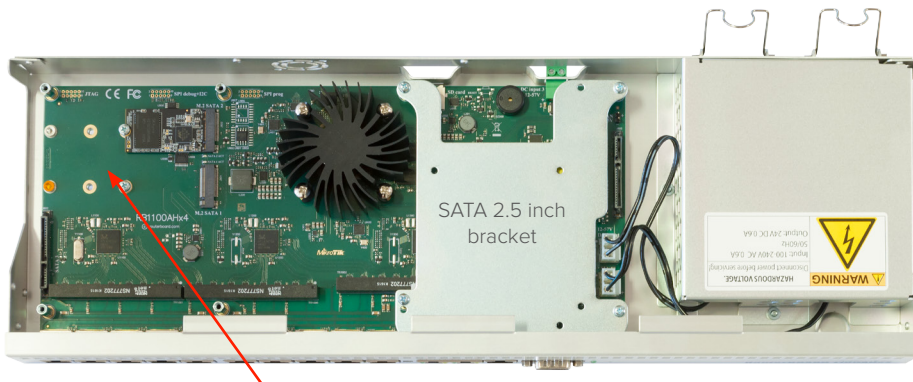

Photo with second SATA bracket removed, to reveal M2 slots.

Rack ears   2x IEC cord

M.2 SSD 60GB   SATA cables   K-10 R2 screw kit

View online

1

hAP mini

The hAP mini is a small 2GHz wireless access point for home or small offices. It has three ports, which are configured as one Internet port and two LAN ports, but can be reconfigured as desired, using the powerful RouterOS configuration options.

$19.95

The unit is powered by microUSB and measures only 8 cm tall. Even with it's small size, the hAP mini is still quite powerful, as it uses the QCA9533 CPU, just like the bigger units in the widely successful hAP series.

The device has an omnidirecional antenna built-in, and does not have a strict limiation on number of connected clients. It works in 2GHz and supports 802.11b/g/n standards.

The powerful 650MHz CPU gives you full access to the wide variety of features provided by the versatile RouterOS operating system, but if all you want is a simple access point - it is already configured out of the box. You simply need to open it's web configuration page and set a password for it.

5V 0.7A
Power adapter

View online

Wireless specifications

RATE	Tx (dBm)	Rx (dBm)
1MBit/s	22	-96
11MBit/s	22	-89
6MBit/s	20	-93
54MBit/s	18	-74
MCS0	20	-93
MCS7	16	-71

PowerBox Pro

The PowerBox Pro is an outdoor five Gigabit Ethernet port router with PoE output on four ports. Since the device has a waterproof outdoor case, you can mount it on a tower, or in other outdoor locations.

It also supports passive or standard 802.3at/af PoE input/output. Ethernet ports 2-5 can power other PoE capable devices with the same voltage as applied to the unit. Less power adapters and cables to worry about! It can power 802.3at and af mode B compatible devices, if 48-57 input voltage is used.
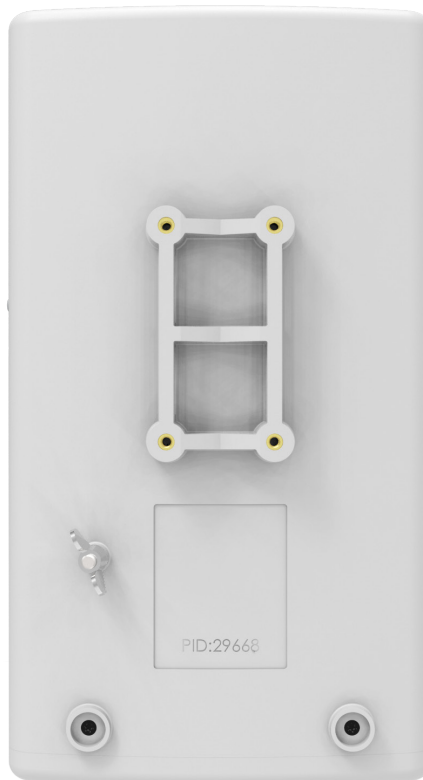
24V 2.5A power adapter

Mounting loop

Gigabit PoE injector

2x Metal rings

DIN mount

IEC cord

The device has an SFP port for adding optical fiber connectivity. It is affordable, small and easy to use, but at the same time comes with a very powerful 800MHz CPU, capable of all the advanced confgurations that RouterOS supports.

$99

View online

3

CRS326-24G-2S+RM

We are announcing a special version of the CSS326-24G-2S+RM switch, with added RouterOS as a second boot option, the new CRS326-24G-2S+RM.

This is a SwOS/RouterOS powered 24 port Gigabit Ethernet switch with two SFP+ ports, wire speed connectivity with several new switching features!

It has an additional CPU unit that allows you to run the RouterOS operating system on this device, for those who prefer the RouterOS GUI interface to configure switching features. This new switch is also capable to work in routing mode for a few configurable ports.

The "Dual boot" feature that allows you to choose which operating system you prefer to use, RouterOS or SwOS. If you prefer to have a simplified switch only OS with more switch specific features, use SwOS. If you are used to Winbox and would like the ability to use routing and other Layer 3 features on some ports in your CRS, boot and use RouterOS. You can select the desired operating system from RouterOS, from SwOS or from the RouterBOOT loader settings.

It gives you all the basic functionality for a managed switch, plus more: allows to manage port-to-port forwarding, apply MAC filter, configure VLANs, mirror traffic, apply bandwidth limitation and even adjust some MAC and IP header fields. SFP cage supports both 1.25 Gb SFP and 10 Gb SFP+ modules.

SwOS Features

• Non-blocking Layer 2 switching capacity
• 16K host table
• IEEE 802.1Q VLAN
• Supports up to 4K simultaneous VLANs
• Port isolation
• Port security
• Broadcast storm control
• Port mirroring of ingress/egress traffic
• Rapid Spanning Tree Protocol
• Access Control List
• MikroTik neighbor discovery
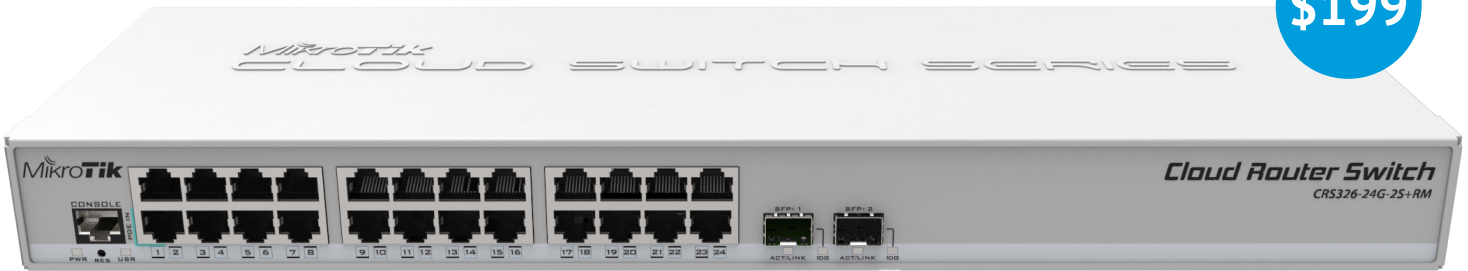• SNMP v1
• Web-based GUI

24V 1.2A power adapter

Rack ears

More info

$199

Past and upcoming MUM events in 2017

MUM sessions are on the way! More than 10 conferences already took part this year. 1,400 participants from 55 countries attended our annual MUM Europe 2017, where we announced our product roadmap for this year. 650 participants were present at MUM Mexico (largest Spanish-speaking MUM ever) and we had great first-time events in Guatemala, Laos, Nepal and Sri Lanka.

You are welcome to see photos of the events, download presenation slides and see HD videos at our **MUM page**!

Seoul, Korea, June 13

Ulaanbaatar, Mongolia, June 16

Quito, Ecuador, July 21

Asuncion, Paraguay, July 25

Yogyakarta, Indonesia, October 27 - 28

Qualcomm extends benefits of 802.11ad Wi-Fi to enterprises and outdoor environments

Leading Enterprise OEMs, Including MikroTik, Leverage Advanced 802.11ad Wi-Fi Technology from Qualcomm to Improve Enterprise Wi-Fi Connectivity.

Qualcomm Technologies, Inc. (QTI), a subsidiary of Qualcomm Incorporated (NASDAQ: QCOM), announced today that it is bringing the benefits of its 802.11ad Wi-Fi technology to a variety of enterprise and outdoor environments. Qualcomm Technologies' 802.11ad solutions already provide multi-gigabit wireless connectivity for laptops, wireless docks, smartphones and home networking products. Qualcomm Technologies has now expanded its 802.11ad portfolio to address the requirements of enterprises and carriers looking to improve network capacity and deliver fixed broadband access. Qualcomm Technologies is working with leading enterprise OEMs to bring tri-band access points and outdoor products to market this year – including the "Wireless Wire 60G" outdoor transparent link that was recently introduced by MikroTik.

Offering multi-gigabit speeds in the relatively interference-free 60 GHz band, 802.11ad can provide customers with a robust, cost-effective and "invisible" alternative to fiber and cable deployments. Qualcomm Technologies' latest 802.11ad chipset combines the QCA6335 baseband and QCA6310 RF transceiver, which uses up to 256 antenna elements to maintain robust wireless connections for outdoor and long-range deployments (up to 1km). It brings additional benefits to demanding enterprise environments, including advanced beamforming and beam steering features to maintain strong connections in dense environments, highly-accurate positioning, as well as a low-power CMOS design to meet enterprise Power over Ethernet (PoE) requirements.

"802.11ad holds great promise for a wide variety of consumer applications, and can now provide enterprises and carriers with a highly robust and cost-effective way to extend their networks indoors and out," said Irvind Ghai, vice president, product management, Qualcomm Technologies, Inc. "Qualcomm Technologies is working with forward-thinking enterprise partners like MikroTik to take advantage of virtually untapped wireless spectrum to eliminate expensive fiber installs and unsightly aerial cable drops."

In addition to outdoor deployments, tri-band access points (supporting 802.11ad in the 60 GHz band, and 802.11ac in the 2.4 GHz and 5 GHz bands) are ideal for traditional enterprise-class networks, as they augment Wi-Fi capacity in dense places like conference rooms, cubical environments, auditoriums and public venues. Qualcomm Technologies solutions also support Fast Session Transfer (FST) features to provide a seamless transition to 802.11ac when roaming.

Mikrotik, a leading provider of Internet connectivity devices, is using Qualcomm Technologies' 802.11ad solution to power its Wireless Wire 60G Gigabit Ethernet extender that provides advanced connectivity between buildings up to 100 meters.

"Our customers demand robust connectivity across campuses, and the unique characteristics of 802.11ad make it possible to offer a powerful, yet cost-effective alternative to cable and fiber," said John Tully, chief executive officer, MikroTik. "Qualcomm Technologies' strong enterprise presence and industry-leading 11ad technology helped us deliver a cutting-edge outdoor product with the right mix of performance, simple installation and cost-structure for the market."

Go to the official release