ComX Computers
Product Specification Sheet

RB5009UPR+S+OUT

MikroTik 7 Port Gigabit & 1x 2.5Gbps Port & 1x SFP+ Port Outdoor PoE Router

Product Overview

MikroTik 7 Port Gigabit & 1x 2.5Gbps Port & 1x SFP+ Port Outdoor PoE Router, RB5009UPr+S+OUT, RouterOS (V7 only) Operating System, 1GB RAM, 802.3af/at PoE in, 120 total Output PoE Power, 7x Gigabit Ethernet Ports with Reverse PoE (PoE-in), 1x 2.5G Ethernet Ports with PoE-out, 1x SFP+ Port, USB 3.0 Type-A Port











Specifications

Overview:

As a network administrator, you never know when the next windstorm, lightning, flood, heatwave, or a power outage will strike. But with the right tools you can protect your network from most troubles! Heres our wishlist for the perfect tool:

- easy to deploy
- works well in ANY weather
- provides extensive power redundancy
- can be connected via most common networking interfaces
- has a CPU that is strong enough to take full advantage of the most powerful
- doesnt cost a fortune

Adding an IP66-rated waterproof enclosure to the RB5009 series allowed us to meet all the requirements! The brand new RB5009UPr+S+OUT is a compact, cost-effective solution that will revolutionize your network tower setups. Youre getting one of the most powerful outdoor networking devices for the best price on the market!

Like the indoor version, this RB5009 has 7x Gigabit Ethernet ports, one 2.5 Gigabit Ethernet port, a 10G SFP+ cage, and a full sized USB3 port!

When we say "extensive power redundancy", we really mean it: the unit offers 9 possible ways of powering. Theres a 2-pin power connector on the front, as well as PoE-in and PoE-out on all eight Ethernet ports. The board can use any of these sources to power itself, choosing the one with the highest voltage when multiple sources are available. RB5009 takes up to 21W to power itself. If youre using PoE-in, the board will stay on even if 8 of your 9 power sources suddenly go down. Unprecedented redundancy!

All power options support a wide voltage range of 24 - 57 V. However, you can not mix the voltages.

Each PoE-out port can supply up to 25W of power. All the ports combined are limited to 130W, which should be enough for most setups. You can specify maximum available power from your power sources manually, if necessary. If youre using PoE-out to power other devices, you have to provide power via the 2-pin connector to power those.

This product also features single voltage PoE-out - it can either be 802.3at/af compatible OR low-voltage PoE-out. That is determined by the voltage on the 2-pin connector, as no voltage conversion is done on this board.

When it comes to processing power and available use-cases, this router can do it all: PPPoE termination, DHCP to customers, Local Queuing, MPLS Push/Pop/Swap and MPLS Forwarding, VPLS/VXLAN Termination, Hardware bridging, and so much more!

The RB5009 series keep redefining affordable reliability for small, medium, and even large ISPs!

Specifications:

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Specifications	
Product Code	RB5009UPR+S+OUT
Specifications	
Product code	RB5009UPr+S+OUT
Architecture	ARM 64bit
CPU	88F7040
CPU core count	4
CPU nominal frequency	350-1400 (auto) MHz

Switch chip model	88E6393
RouterOS license	5
Operating System	RouterOS (v7 only)
Size of RAM	1 GB
Storage size	1 GB
Storage type	NAND
MTBF	Approximately 200'000 hours at 25C
Tested ambient temperature	-40 degreesC to 70 degreesC
IPsec hardware acceleration	Yes
Powering	
Number of DC inputs	2 (PoE-IN, 2-pin terminal)
2-pin terminal input Voltage	24-57 V
Max power consumption	150 W
Max power consumption without attachments	15 W
Cooling type	Passive
PoE in	802.3af/at
PoE in input Voltage	24-57 V
PoE-out	
PoE-out ports	Ether1-Ether8
PoE out	802.3af/at
Max out per port output (input 18-30 V)	620 mA
Max out per port output (input 30-57 V)	420 mA
Max total out (A)	2.59 A
Total output current	2.28
Total output power	120
Ethernet	
10/100/1000 Ethernet ports	7
Number of 1G Ethernet ports with Reverse PoE (PoE-in)	7
Number of 2.5G Ethernet ports	1
Number of 2.5G Ethernet ports with PoE-out	1
Fiber	
SFP+ ports	1
Peripherals	

Number of USB ports	1
USB Power Reset	Yes
USB slot type	USB 3.0 type A
Max USB current (A)	1.5
Other	
CPU temperature monitor	Yes
Current Monitor	Yes
PCB temperature monitor	Yes
Voltage Monitor	Yes
Certification & Approvals	
Certification	CE, EAC, ROHS
IP	66

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/RB5009UPR-S-OUT-MikroTik-7-Port-Gigabit-1x-2-5Gbps-Port-1x-SFP-Port-Outdoor-PoE-Router-p-292507.php

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