

## Mikrotik Access controllers

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### Hardware routers price list

Item	Description	Concurrent sessions / licensed	Price in USD
<b>ARD-450G</b>	Access controller Gateway - Extreme performance	100 to 200 / 500	<b>\$250</b>
<b>ARD-433AH</b>	Access Controller Gateway - Extreme performance	100 to 200 / 500	<b>\$320</b>
<b>ARD-1000U</b>	Core Router & Access Controller Gateway	700 to 1000 /unlimited	<b>\$850</b>
<b>ARD-433W</b>	Access Controller & Wireless Access Point	50 to 75 / 200	<b>\$315</b>
<b>ARD-433AHW</b>	Access Controller & Wireless Access Point	100 to 200 / 500	<b>\$440</b>
<b>ARD-411AHW-OD</b>	Outdoor controller & Wireless AP		<b>\$395</b>
<b>ARD-433AHW-OD</b>	Outdoor controller & Wireless AP		<b>\$495</b>
<b>Mikrotik configuration</b>	1 hour support from our professional team		<b>\$120</b>

### Mikrotik PC licenses (for installing on computer with two network cards)

Item	Users	Price
Level 4	200 users	45
Level 5	500 users	95
Level 6	Unlimited	250

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## Indoor Access controller units

### **ARD-450G: Access controller Gateway - Extreme performance**

**Price: \$250**

Firewall/VPN/Bandwidth shaper Router based on RB/450G, this powerful Router can be used as firewall, Traffic controller, PPPoE Server, VPN Server, VPN Client or Hotspot gateway- and many more!

- Concurrent hotspot sessions (Recommended / licensed): **100-200 / 500**
- Indoor case
- RouterBOARD 450G
- 5 Ethernet ports 10/100/1000 Auto MDI/X
- RouterOS Level 5
- 18v power supply
- Assembled and tested.

### **ARD-433AH: Access Controller Gateway - Extreme performance**

**Price: \$320**

Firewall/VPN/Bandwidth shaper Router based on RB/433AH, this powerful Router can be used as firewall, Traffic controller, PPPoE Server VPN Server, VPN Client or Hotspot gateway- and many more!

- Concurrent hotspot sessions (Recommended / licensed): **100-200 / 500**
- Indoor case
- RouterBOARD 433AH
- 3 Ethernet ports 10/100 auto MDI/X and 3 Mini PCI ports for wireless cards
- RouterOS Level 5
- 18v power supply
- Assembled and tested.

**ARD-1000U: Core Router& Access Controller Gateway – High End Backbone**  
**Price: \$850**

Core / Backbone Firewall/VPN/Bandwidth shaper Router based on RB/1000U, this powerful Router can be used as firewall, Traffic controller, PPPoE Server, VPN Server, VPN Client or Hotspot gateway- and many more!

- Concurrent hotspot sessions (Recommended / licensed): **700-1000 / Unlimited**
- Indoor case – 1U Rack Mount
- RouterBOARD 1000U
- 4 Ethernet ports 10/100/1000 Auto MDI/X
- 512 MB RAM DDR
- RouterOS Level 6
- 12v power supply
- Assembled and tested.

## Indoor Access Points and controller units

### **ARD-433AHW: Extreme Performance – Access Controller & Wireless Access Point** **Price: \$440**

Firewall/VPN/Bandwidth shaper Router based on RB/433AH, this powerful Router can be used as firewall, Traffic controller, PPPoE Server VPN Server, VPN Client or Hotspot gateway with Built in Wireless AP.

- Concurrent hotspot sessions (Recommended / licensed): **100-200 / 500**
- RouterBOARD 433AH
- 3 Ethernet ports 10/100 and 3 Mini PCI ports for wireless cards (1 occupied)
- RouterOS Level 5
- 2.4/5Ghz wireless card - Mikrotik R52 + NF Bulkhead Pigtail or integrated antenna,
- 18v power supply

#### Upgrades:

- Upgrade to POE-24i Passive Power over Ethernet injector \$18
- Upgrade to Mikrotik R52H High Power 2.4/5Ghz wireless Card \$19
- Upgrade to Ubiquity SR2 High Power 2.4Ghz wireless Card \$69

### **ARD-433W: Access Controller & Wireless Access Point** **Price: \$315**

Firewall/VPN/Bandwidth shaper Router based on RB/433, this powerful Router can be used as firewall, Traffic controller, PPPoE Server VPN Server, VPN Client or Hotspot gateway with Built in Wireless AP.

- Concurrent hotspot sessions (Recommended / licensed): **50-75 / 200**
- RouterBOARD 433
- 3 Ethernet ports 10/100 and 3 Mini PCI ports for wireless cards (1 occupied)
- RouterOS Level 4
- 2.4/5Ghz wireless card - Mikrotik R52 + NF Bulkhead Pigtail or integrated antenna,
- 18v power supply

#### Upgrades:

- Upgrade to POE-24i Passive Power over Ethernet injector \$18
- Upgrade to Mikrotik R52H High Power 2.4/5Ghz wireless Card \$19
- Upgrade to Ubiquity SR2 High Power 2.4Ghz wireless Card \$69

## Out Door – Hot Zone Access Points & Base station Units

### **ARD-411AHW-OD: Outdoor controller & Wireless AP – Heavy Load** **Price: \$395**

Perfect Outdoor Firewall/VPN/Bandwidth shaper Router based on RB/433AH, this powerful Router can be used as firewall, Traffic controller, PPPoE Server VPN Server, VPN Client or Hotspot gateway with Built in Wireless AP.

Support 2.3-2.5Ghz and 4.9-6.1Ghz frequency range. Waterproof enclosure, POE-24i power injector included.

- Outdoor case
- RouterBOARD 411AH
- 1 Ethernet ports 10/100 and 1 Mini PCI ports for wireless cards(1 occupied)
- 1 Ethernet weather proof Ethernet connection.
- RouterOS Level 4
- 802.11 a/b/g 65mW Wireless miniPCI card +NF bulkhead pigtail
- POE-24i - POE Power Supply/Inserter Input 90-264VAC  
16.8W, Lightning/Surge protection on Ethernet pairs

#### Upgrades:

- Upgrade to Mikrotik R52H High Power 2.4/5Ghz wireless Card \$19
- Upgrade to Ubiquiti SR2 High Power 2.4Ghz wireless Card \$69

## Wireless Base Station

### **ARD-433AHW-OD: Heavy Load - Outdoor controller & Wireless AP** **Price: \$495**

Perfect Outdoor Firewall/VPN/Bandwidth shaper Router based on RB/433AH, this powerful Router can be used as firewall, Traffic controller, PPPoE Server VPN Server, VPN Client or Hotspot gateway with Built in Wireless AP – Multi AP support. Support 2.3-2.5Ghz and 4.9-6.1Ghz frequency range. Waterproof enclosure, POE-24i power injector included.

- Outdoor case
- RouterBOARD 433AH
- 3 Ethernet ports 10/100 and 3 Mini PCI ports for wireless cards(1 occupied)
- 1 Ethernet weather proof Ethernet connection.
- RouterOS Level 4
- 802.11 a/b/g 65mW Wireless miniPCI card +NF bulkhead pigtail
- POE-24i - POE Power Supply/Inserter Input 90-264VAC  
16.8W, Lightning/Surge protection on Ethernet pairs

#### Upgrades:

- Upgrade to Mikrotik R52H High Power 2.4/5Ghz wireless Card \$19
- Upgrade to Ubiquiti SR2 High Power 2.4Ghz wireless Card \$69

## RouterOS Software License price list

Level number	4 (WISP)	5 (WISP)	6 (Controller)
Software only	\$45 (SW/L4)	\$95 (SW/L5)	\$250 (SW/L6)
<b>Features</b>			
<b>Wireless AP</b>	yes	yes	yes
<b>Wireless Client and Bridge</b>	yes	yes	yes
<b>EoIP tunnels</b>	unlimited	unlimited	unlimited
<b>PPPoE tunnels</b>	200	500	unlimited
<b>PPTP tunnels</b>	200	unlimited	unlimited
<b>L2TP tunnels</b>	200	unlimited	unlimited
<b>VLAN interfaces</b>	unlimited	unlimited	unlimited
<b>P2P firewall rules</b>	unlimited	unlimited	unlimited
<b>NAT rules</b>	unlimited	unlimited	unlimited
<b>Hotspot active users</b>	200	500	unlimited
<b>RADIUS client</b>	yes	yes	yes
<b>Queues</b>	unlimited	unlimited	unlimited
<b>Web proxy</b>	yes	yes	yes
<b>Synchronous interfaces</b>	yes	yes	yes

All licenses Level 4-6:

- Never expire
- Can be upgraded to the last version of the next release
- Can use unlimited number of interfaces
- Each license is only for one installation and bounded to the storage media installed on.