Router Board

@danangnurfauzi

"**RouterBoard**" compact Solution

- Hardware untuk jaringan (terutama wireless)
  - Wireless board
    contoh: RB400, RB600, RB750, RB1100
  - Wireless interface (R52, R52H, R5H, R52N, R2N)
  - menggunakan RouterOS sebagai software

RouterBoard for Wireless

Jenis	Processor	RAM	Ether	MiniPCI	USB	Radio	Lisensi
RB800	MPC8544 800MHz	256MB	3 (gig)	4	-	-	6
RB433UAH	AR7161 800MHz	128MB	3	3	2	-	5
RB433AH	AR7161 800MHz	128MB	3	3	-	-	5
RB433	AR7130 300 MHz	64MB	3	3	-	-	4
RB411AH	AR7161 800MHz	64MB	1	1	-	-	4
RB411AR	AR7130 300 MHz	64MB	1	1	-	1	4
RB411U	AR7130 300 MHz	32MB	1	1	1	-	4
RB411R	AR7130 300 MHz	32MB	1	-	-	1	3
RB411	AR7130 300 MHz	32MB	1	1	-	-	3

Performace Board   **Best Value Board**

RB800

- 3 gigabit ethernet
- 4 minipci slot
- 1 minipci-e slot
- CF slot
- MPC8544 800MHz network CPU
- 256 DDR SDRAM
- RouterOS Level 6

RB433UAH

- 3 ethernet, 3 minipci
- Atheros AR7161 680MHz
- RAM: 128MB
- With micro-SD slot
- RouterOS Level 5
- 2 port USB

RB411 / 411U / 411R / 411AR / 411AH

- CPU: Atheros
  - AR7130 300MHz (411, 411U, 411R, 411AR)
  - AR7161 680 MHz (411AH)
- Memory:
  - 32 MB (411, 411U, 411R)
  - 64MB (411A & 411AR)
- Wireless Embedded (411R, 411AR)
- 1 ethernet
- 1 MiniPCI (411, 411U, 411AR, 411AH)
- Lisensi RouterOS:
  - Level 3 (411, 411R)
  - Level 4 (411U, 411AR, 411AH)

MikroPoynt

- Embedded Antenna 2,4GHz 11dbi
- With Routerboard 411 series

RouterBoard for Embeded Router

| Jenis	Processor	RAM	Ethernet	MiniPCI	Lisensi
RB1100	PPC 1000MHz	512MB	13 (gigabit)	0	6
RB493AH	Atheros AR7161 680 MHz/800MHz	64MB	9	3	5
RB493	Atheros AR7130 300 MHz	64MB	9	3	4
RB450G	Atheros AR7161 680 MHz/800MHz	256MB	5 (gigabit)	0	5
RB450	Atheros AR7130 300 MHz	32MB	5	0	5
RB750	Atheros AR7240 400MHz	32MB	5	0	4
RB750G	Atheros AR7161 680 MHz/800MHz	32MB	5 (gigabit)	0	4
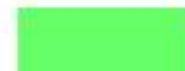
Performace Board   **Best Value Board**

RB1100

- 13 gigabit ethernet
- Tanpa minipci slot
- 1000 MHz PPC proc
- RAM: 512MB
- up to:
  - 3 Gbps
  - 340.000 pps
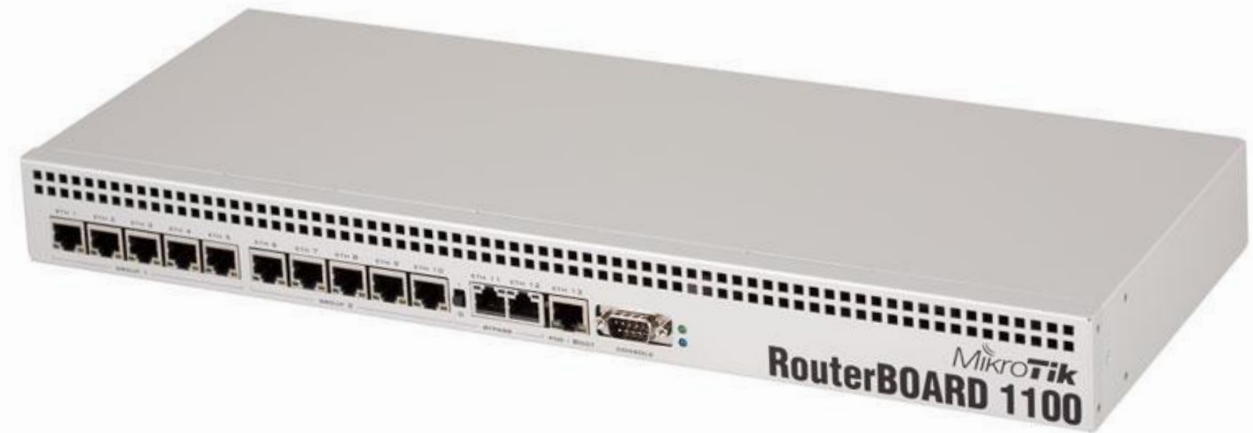
RB493(AH)

- 9 ethernet, 3 minipci
- Processor :
  - Atheros AR7161 680-800MHz (493AH)
  - Atheros AR7130 300MHz (493)
- RAM: 64MB
- RouterOS:
  - Level 4 (RB493)
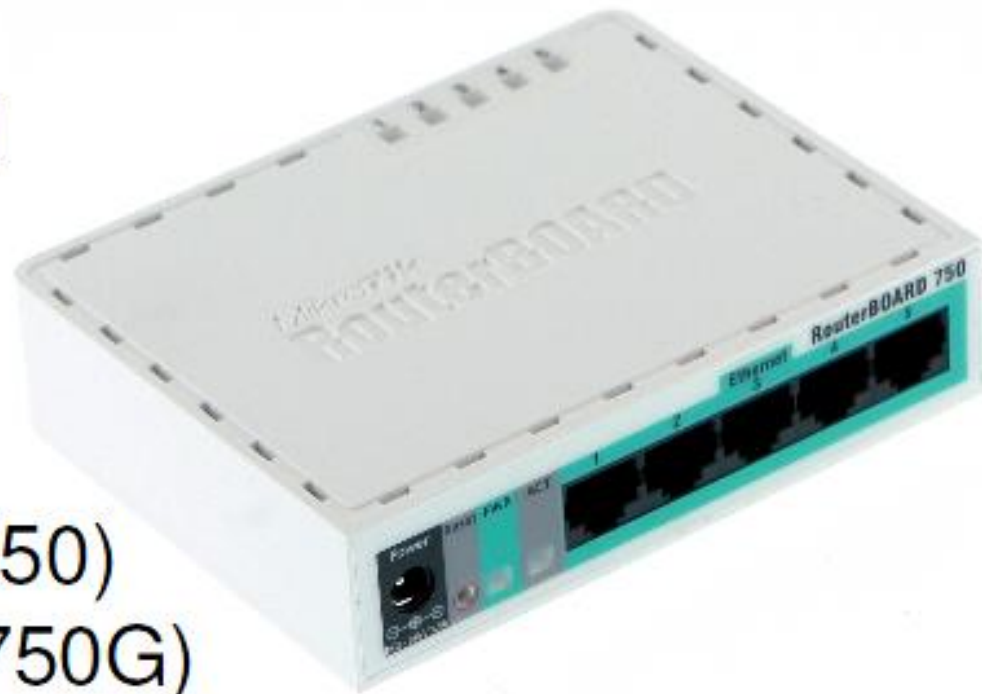 - Level 5 (RB493AH)

MikroTik

RB450G

- 5 gigabit port
- Tanpa minipci slot
- Processor : Atheros AR7161 680 MHz
- RAM: 256 MB
- RouterOS Level 5
- MicroSD Slot (RB450G)

RB750 (G)

- Produk routerboard terbaru dan terkecil
- Processor : AR7240 400Mhz (750) AR7161 680MHz (750G)
- 5 ethernet port (750) 5 gigabit port (750G)
- Lisensi Level 4
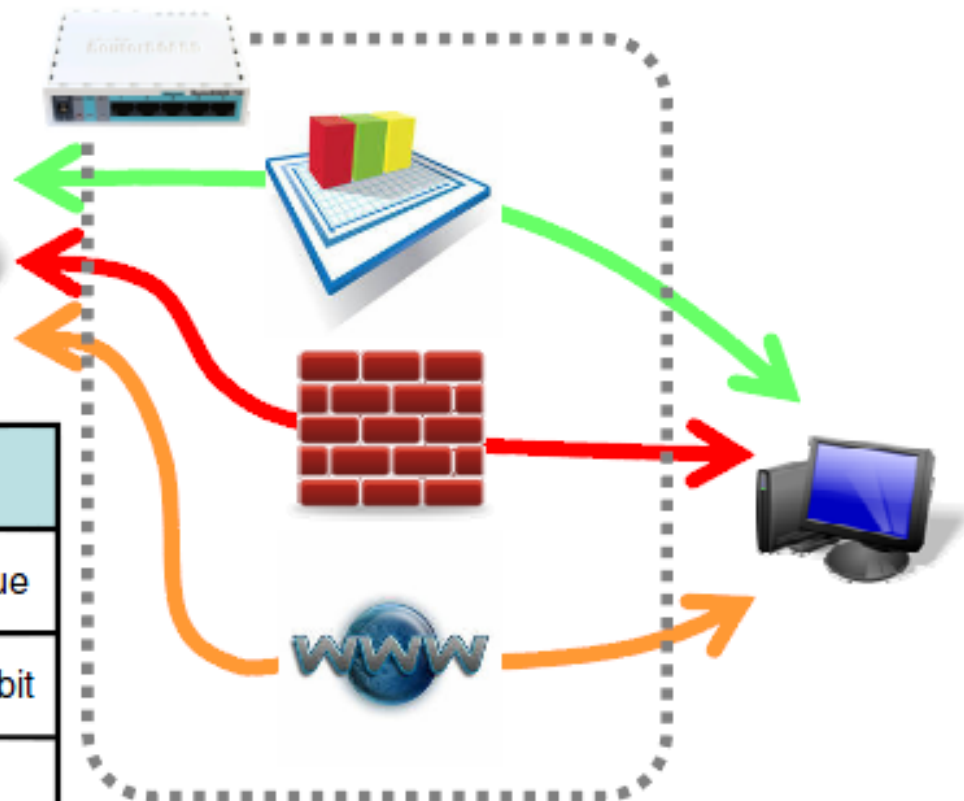
Fusion RouterOS dan RouterBoard

- Alternatif pilihan untuk computer network yang akan kita gunakan pada :
  - Warnet
  - Cyber Café
  - Public area network
  - Office
  - RT/RW net
  - dll

Mikrotik - @Cyber Cafe

RB750 / RB750G

Board	User	Capacity	Feature
RB750	< 16	< 3Mbps	NoDebug, Value
RB750G	16 - 30	3 - 5 Mbps	NoDebug,Gigabit
RB450	< 16	< 3Mbps	Debug
RB450G	16 - 30	3 - 20 Mbps	Debug, Gigabit, Storage

Mikrotik - @Office

RB450 / RB450G

Board	User	Capacity	Feature
RB450	< 16	< 3Mbps	Debug
RB450G	16 - 30	3 - 20 Mbps	Debug,Gigabit, Storage
RB493	< 16	< 3Mbps	Debug, 9 port
RB493AH	16 - 30	3 - 20 Mbps	Debug, 9 Port, Performance
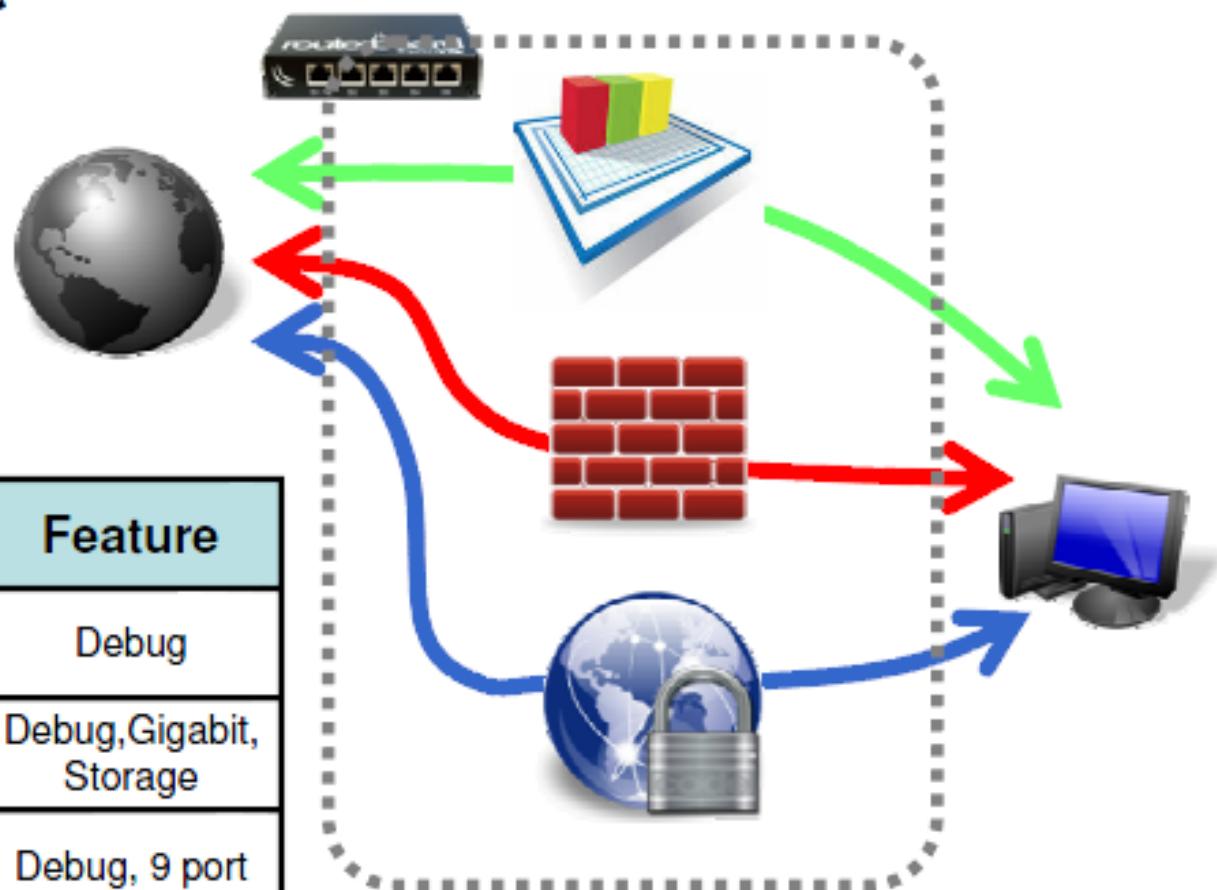
Mikrotik - @Hotspot

RB411AR / RB411U
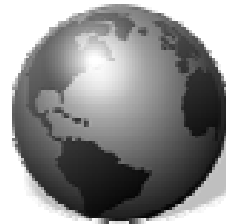
Board	User	Capacity	Feature
RB411AR	< 16	< 3Mbps	Value
RB411U	< 16	< 3Mbps	USB, Mobile
RB433	16 - 30	3 - 5 Mbps	Performance
RB433AH	16 - 30	3 - 20 Mbps	Performance, Cache

HOTSPOT GATEWAY

Mikrotik - @RT/RW-Net
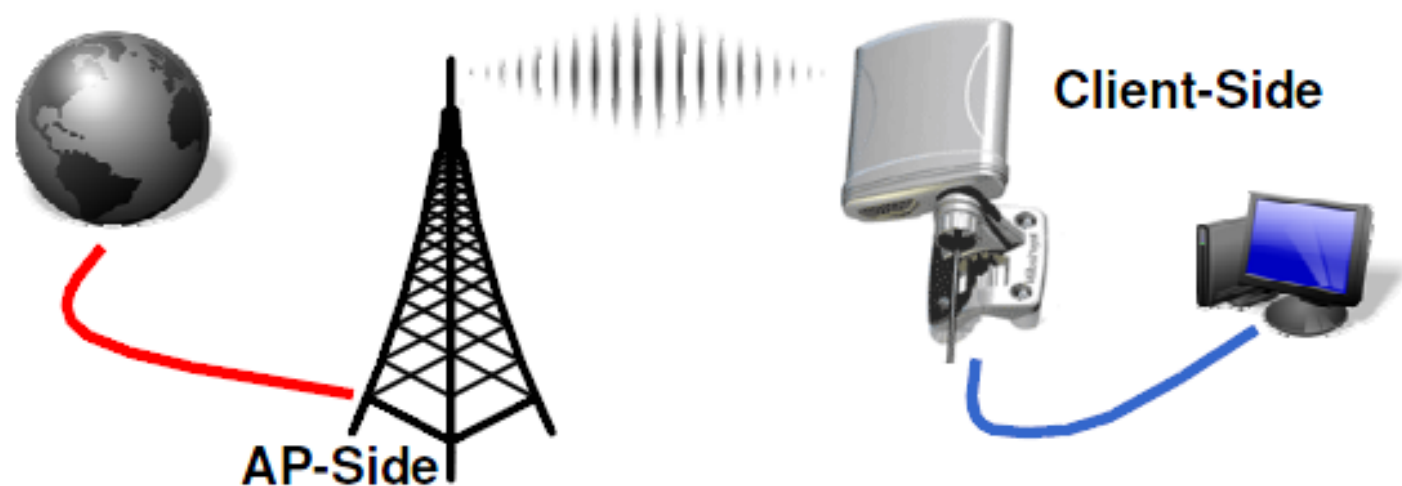
AP-Side

Board	User	Capacity	Feature
RB411AR	< 16	< 3 Mbps	Value, 2 Ghz only
RB433	16 - 30	3 - 5 Mbps	Performance, 2 & 5 Ghz
RB433AH	16 - 30	3 - 5 Mbps	Performance, 2 & 5 Ghz

Client-Side

Board	User	Capacity	Feature
RB411R	< 16	< 3 Mbps	Value, 2 Ghz only
RB411AH	16 - 30	3 - 20 Mbps	Performance, 2 & 5 Ghz

Mikrotik - @ISP
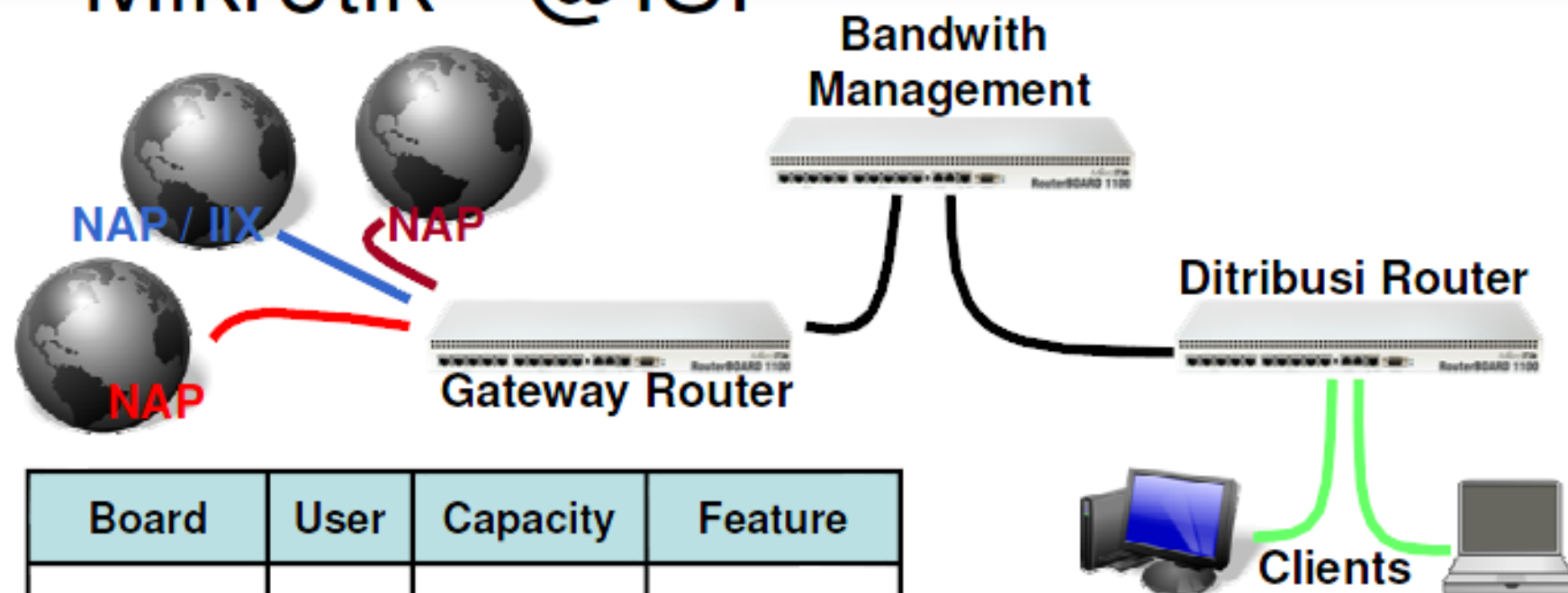
Board	User	Capacity	Feature
RB450G	16 - 30	3 - 20 Mbps	Value
RB493AH	16 - 30	3 - 20 Mbps	Performance, 9 port
RB1100	~	1 Gbps	Performance, 13 port
MultiCore PC + Mikrotik	~	> 1 Gbps	Performance, Flexibility