

## MikroBits Dinara (RoS Level 5)



**Kode** : MBDIN-V2-L5  
**Kategori** : Mikrobits Router & Switch  
**Harga** : Rp 32.578.000,00

MikroBits Dinara dirancang untuk melakukan pengaturan bandwidth kapasitas besar, menggunakan processor Intel Quad Xeon Haswell (3GHz atau yang lebih cepat), dilengkapi 8 port ethernet gigabit dan 8 port SFP gigabit. Sudah termasuk MikroTik RouterOS level 5.  
**Bonus** : 4 pcs **GLC-T SFP** (Gigabit Ethernet RJ45 SFP Transceiver)

### ----- Attention -----

Karena perubahan Storage Management Pada routerOS MikroTik platform **x86** di versi **6.20**, maka kami sarankan untuk melepas terlebih dahulu **Hardisk SATA** sebelum melakukan upgrade versi ke versi 6.20 dan versi-versi selanjutnya. Hardisk SATA dapat dipasang kembali setelah proses upgrade versi selesai.



### Spesifikasi Produk:

- **Processor** : Intel® Quad Xeon® Processor Haswell (3GHz atau yang lebih cepat)
- **RAM** : 1 x 2048MB DDR3 Industrial Grade RAM
- **HDD Interface** : 2x SATA, 1x CF Slots with True IDE IBM MicroDrive Support
- **Compact Flash** : 1 GB Industrial Grade Compact Flash for RouterOS
- **HDD** : 256GB SATA 2.5" SSD (atau lebih besar)
- **Ethernet** : 8 x 10/100/1000Mbps Gigabit Ethernet (Intel® 82580)
- **SFP Ports** : 8 x Gigabit SFP (Intel® 82580)
- **Lan by-pass** : 2 groups
- **Expansion Slots** : -
- **Serial port** : 1 console, RJ45 type
- **LCDs** : 1x back lit 2character x16 character LCD Display
- **LEDs** : Power and HDD LED
- **Speaker** : Mini PC - Speaker
- **Power** : IEC C13 Power Cord, input power: 100VAC-250VAC 50Hz- 60Hz (International PSU)
- **Fan** : 2x Redundant Chassis Fans,
- **Dimensions** : 44 mm (H) x 430 mm (W) x 450 mm (D)
- **Operating Temperature** : 0°C ~ +40°C (32°F ~ 104°F)
- **Storage Temperature** : -20°C ~ +70°C (-4°F ~ +185°F)
- **Humidity** : 10% ~ 90% RH, non-condensing
- **Power Supply** : 270W ATX PSU
- **Operating System** : MikroTik Router OS v6

**Kelengkapan** :

- 1 pcs MikroBits Dinara
- 1 pcs Kabel Power
- 1 set Rackmount Bracket
- 1 pcs Console Cable

**Bonus :**

- 4 pcs GLC-T SFP (Gigabit Ethernet RJ45 SFP Transceiver)

**Load Test**

IP Firewall	Conntrack	Mode	Byte Frame	Mbps	Pps	CPU
On	On	Routing	64	1,000	3,200,000	30
On	On	Routing	512	10,040	2,200,000	27
On	On	Routing	1,500	10,360	937,000	19

192.168.131.104 (target-192.168.131.104) - WinBox v6.13 on x86 (x86)

Memory:1681.9 MB CPU:16% Hide Passwords

Interface	Ethernet	EoIP Tunnel	IP Tunnel	GRE Tunnel	VLAN	VRRP	Bonding	LTE
Name	Type	MTU	Tx	Rx	Tx Packet (p/s)	Rx Packet (p/s)		
R ether1	Ethernet	1500	61.9 kbps	9.4 kbps	6	17		
R ether2	Ethernet	1500	930.8 Mbps	930.6 Mbps	76 860	76 839		
R ether3	Ethernet	1500	930.8 Mbps	930.1 Mbps	76 860	76 798		
R ether4	Ethernet	1500	930.8 Mbps	930.4 Mbps	76 860	76 824		
R ether5	Ethernet	1500	930.9 Mbps	930.7 Mbps	76 862	76 849		
R ether6	Ethernet	1500	930.8 Mbps	930.1 Mbps	76 857	76 800		
R ether7	Ethernet	1500	930.8 Mbps	930.4 Mbps	76 860	76 828		
R ether8	Ethernet	1500	930.8 Mbps	930.7 Mbps	76 858	76 852		
R5 ether9	Ethernet	1500	941.2 Mbps	940.8 Mbps	77 714	77 683		
R5 ether10	Ethernet	1500	0 bps	0 bps	0	0		
R5 ether11	Ethernet	1500	0 bps	0 bps	0	0		
R5 ether12	Ethernet	1500	941.2 Mbps	941.0 Mbps	77 712	77 698		
R5 ether13	Ethernet	1500	0 bps	0 bps	0	0		
R5 ether14	Ethernet	1500	941.2 Mbps	940.8 Mbps	77 713	77 685		
R5 ether15	Ethernet	1500	941.2 Mbps	941.1 Mbps	77 713	77 704		
R5 ether16	Ethernet	1500	0 bps	0 bps	0	0		

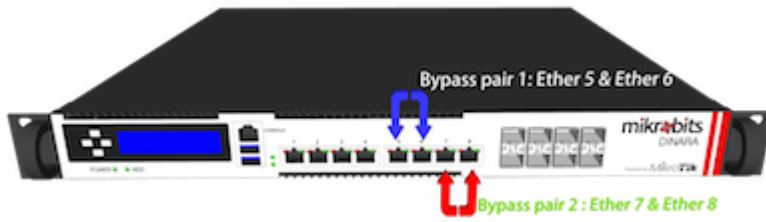
16 items out of 17

Peningkatan performa 10%

**Load Test with NAT**

Traffic 1 Gbps/1Gbps, 99Kpps/99Kpps, 1500 byte data frame, CPU Load: 19%

The screenshot shows the Mikrotik WinBox interface during a traffic test. On the left, the 'Traffic Test Summary' window displays test parameters: Test To: 10.20.1.2, Protocol: tcp, Local IP To Speed: 2000, Remote IP To Speed: 2000, Direction: Both, TCP Connection Count: 100, Local Tx Speed: 10000, Remote Tx Speed: 10000, and Random Data. The summary shows Traffic Current at 938.0 Mbps, Traffic 10s Average at 937.0 Mbps, and Traffic Total Average at 936.7 Mbps. A graph shows traffic levels for ether1, ether2, ether3, ether4, ether5, ether6, ether7, ether8, ether9, ether10, ether11, ether12, ether13, ether14, ether15, and ether16. The CPU usage window shows CPU Total at 19%. The interface list window shows ether10 with 0 bps Tx and Rx, while other interfaces show high traffic. The traffic test window shows a running test with filters for ether10 and entry transmit at 10.20.1.2.



\* Harga, spesifikasi, dan ketersediaan bisa berubah dan tidak mengikat

URL : [http://www.mikrotik.co.id/produk\\_lihat.php?id=411](http://www.mikrotik.co.id/produk_lihat.php?id=411)

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www.mikrotik.co.id