

## MikroBits Dinara (RoS Level 5)

**Kode** : MBDIN-V2-L5**Brand** : Discontinued**Jenis** : Discontinued**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 List**

| 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          |         |     |
| R ether9  | Ethernet | 1500        | 941.2 Mbps | 940.8 Mbps | 77 714          | 77 683          |         |     |
| R ether10 | Ethernet | 1500        | 0 bps      | 0 bps      | 0               | 0               |         |     |
| R ether11 | Ethernet | 1500        | 0 bps      | 0 bps      | 0               | 0               |         |     |
| R ether12 | Ethernet | 1500        | 941.2 Mbps | 941.0 Mbps | 77 712          | 77 698          |         |     |
| R ether13 | Ethernet | 1500        | 0 bps      | 0 bps      | 0               | 0               |         |     |
| R ether14 | Ethernet | 1500        | 941.2 Mbps | 940.8 Mbps | 77 713          | 77 685          |         |     |
| R ether15 | Ethernet | 1500        | 941.2 Mbps | 941.1 Mbps | 77 713          | 77 704          |         |     |
| R 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%

winBox v6.13 on x86 (x86)

admin@10.1.1.2 (MiniWinBox) - WinBox v6.13 on x86 (x86)

Memory: 1681.9 MB CPU: 19% ☒ Hide Passwords

**Load Test (Running)**

Test To: 10.1.1.2  
 Protocol: UDP  
 Local UDP To: 5000  
 Remote UDP To: 5000  
 Direction: Both  
 TCP Connection Count: 100  
 Local To Speed: 10000 pps  
 Remote To Speed: 10000 pps  
 Random Data  
 User: admin  
 Password:   
 Local Protocol: 0  
 Traffic Count: 99.0 Mbps/99.0 Kpps  
 Traffic Size Average: 1500.0 Bytes/1500.0 Bytes  
 Traffic Total Average: 99.0 Mbps/99.0 Kpps

**System**

Uptime: 03:40:06  
 Free Memory: 1311.5 MB  
 Total Memory: 1681.9 MB  
 CPU: 19.00%  
 CPU Count: 8  
 CPU Frequency: 2200 MHz  
 CPU Load: 19.1%  
 Free HDD Space: 941.2 MB  
 Total HDD Size: 1004.0 MB  
 Sector Write Size (KB/s): 7.272

**Interface**

| Interface | Type     | MTU  | Tx         | Rx         | Tx Packet (p/s) | Rx Packet (p/s) | Tx Bytes (B/s) | Rx Bytes (B/s) |
|-----------|----------|------|------------|------------|-----------------|-----------------|----------------|----------------|
| R ether1  | Ethernet | 1500 | 990.4 Mbps | 990.2 Mbps | 99 100          | 99 100          | 0              | 0              |
| R ether10 | Ethernet | 1500 | 990.3 Mbps | 990.3 Mbps | 99 100          | 99 100          | 0              | 0              |

**Filter Rule**

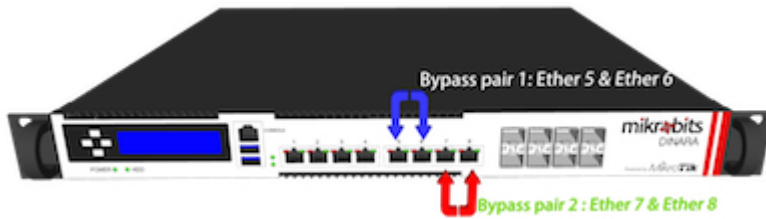
Filter Rule: NAT  
 Action: Chain: src, Address: 10.1.1.2, Out. Port: 5000, In. Port: 5000, Protocol: UDP, Log: 0

**Stack (Running)**

Stack: ether10  
 Entry: 10.1.1.2  
 Action: Chain: src, Address: 10.1.1.2, Out. Port: 5000, In. Port: 5000, Protocol: UDP, Log: 0

**System**

| Name   | CPU | Usage |
|--------|-----|-------|
| init   | 0.0 | 0.0   |
| kernel | 0.0 | 0.0   |
| system | 0.0 | 0.0   |
| user   | 0.0 | 0.0   |
| total  | 0.0 | 0.0   |



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

**URL :** <https://www.citraweb.com/produk/411/>

**Informasi lebih lanjut, pemesanan dan pembelian, hubungi: 0274-554444 atau email [sales@citraweb.com](mailto:sales@citraweb.com)**