



BLUEBERRY
INDUSTRIAL
ETHERNET



CR-1006-VY SERIES

Cranberry 6 port Managed Router with Vyatta router software, CrM-1000 series

Features

- 6 x 10/100/1000BASE-TX GbE ports
- RJ45 RS232 console port
- High port density
- Management: HTTP, SSHv2, Telnet, CLI or SNMP
- Operating temperature: [0°C..40°C]
- Power AC 90~264V@47~63Hz
- 1U 19" IP30 metal housing
- Rack mounting with included brackets
- Router software: Vyatta



The Cranberry CrB-1000 series consists of Ethernet routers with a wide range of routing and redundancy protocols. They run the Vyatta router software which is a Linux based software router package. Amongst the functionality you will find are support for are: firewall, routing protocols, QoS, high availability and a variety of VPN solutions. The routers in the CrM-1000 series offer full management based on HTTP, telnet, ssh, serial console CLI or SNMP.

Installation is based on 19 " rack mounting with the included brackets.





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Specifications

| Ethernet ports | |
|---|---|
| 10/100/1000BASE-TX ports in RJ45 | 6 (LAN ports) |
| Serial ports | 1 (RS232 Console) |
| Router | |
| IPv4/IPv6 routing | BGPv4, BGPv6 OSPFv2, OSPFv3 RIPv2 Static routes IPv6 Policy, IPV6 SLAAC |
| VPN | SSL-based OpenVPN, OpenVPN client Auto configuration Site to site VPN(IPSec) Remote VPN(PPTP, L2TP, IPsec) Layer 2 bridging over GRE Layer 2 Bridging over OpenVPN |
| IP address management | Static, DHCP server, DHCP client, DHCP relay, Dynamic DNS, DNS forwarding DHCPv6 Server, DHCPv6 Client, DHCPv6 Relay |
| Firewall | Stateful inspection firewall Zone based firewall P2P filtering Ipv6 firewalling Time- based firewall rules Rate limiting ICMP Type filtering Stateful failover |
| Management | Integrated CLI Web gui Telnet SSHv2 Radius Tacacs+ SNMP Single configuration file |





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|---------------------------------|--|
| Router | |
| Additional security | NAT, NAT traversal Vyatta Guard WEB filtering DES, 3DES, AES Encryption MD5 and SHA-1 Authentication RSA, diffie Hellman authentication Role based access control |
| QoS Policies | Priority queuing Network emulator Round Robin, Random/Weighted Random Classfull queuing Ethernet header matching VLAN tag IPv6 address Port mirroring |
| High availability | Stateful firewall /NAT failover VRRP HA clustering Configuration replication IPSec VPN clustering RAID 1 Protocol fault isolation |
| Diagnostics/Logging | Tcpdump, Wireshark, syslog, serial loopback, SNMPv2c, SNMP for IPv6 LLDP |
| Power | |
| Redundant Input Power | 5-35VDC |
| Power Consumption (Typ.) | 220 W max |
| Physical Characteristic | |
| Enclosure | IP30, steel case |
| Dimension (W x D x H) | 431 x 44.4 x 305mm |
| Weight (g) | 5 kg |
| Installation | 1U 19 inch rack mounting |
| Environmental | |
| Storage Temperature | -20 to 65°C |
| Operating Temperature | 0 to 40°C |
| Operating Humidity | 5% to 95% Non-condensing |
| Approvals | |
| Approvals | CE Emission, FCC Class A, RoHs |
| Warranty | 2 years |





Ordering information

| Product | |
|-----------------|---|
| CrM-1006 | Cranberry 6 port router, 6 x 10/100/1000BASE-TX |

