

BDCOM 4805 Router

— Hi-performance, Telecom Carrier-Class Broadband Router

As the newest high-end router proudly presented by Shanghai Baud Data Communication Co., Ltd. (BDCOM), BDCOM 4805 has achieved high performance, high density and usability at a very competitive per-port cost. Its industry-leading maintainability and manageability brings hi-performance broadband service to users' hand for easy access.

BDCOM 4805 utilizes the super-fast PowerPC embedded CPU, provides 2 10/100/1000M TX/SFP Combo ports and 3 10/100/1000M TX ports, to meet various needs for broadband access routers, including those of telecom carriers, large- and medium-sized enterprises, broadband communities, and VPN projects, etc. It supports up to 2000 concurrent network users in a NAT-enabled environment.



BDCOM 4805

Application

- Hi-performance broadband access for telecom carriers, large- and medium-sized enterprises, broadband communities, and VPN projects, etc.

Features

Form factor

- Standard 1U chassis for easy installation and reliability.

High performance/price ratio

- At a very competitive price, up to 800 Kpps processing power makes BDCOM 4805 the most powerful broadband access routing platform.

Tight security

- Support for PPTP, L2TP, IPSEC, GRE, and MPLS to deploy L2/L3 VPN's of various types, saving enterprises from expensive leased lines.

Rich connection options

- 2 Gigabit TX/SFP combo ports, and 3 10/100/1000M TX ports.

Compatibility

<http://www.bdc.com.cn>

- Compatible with RFC and mainstream industry standards. Interconnecting with different mainstream products at each layer of the network.

BDRoS support

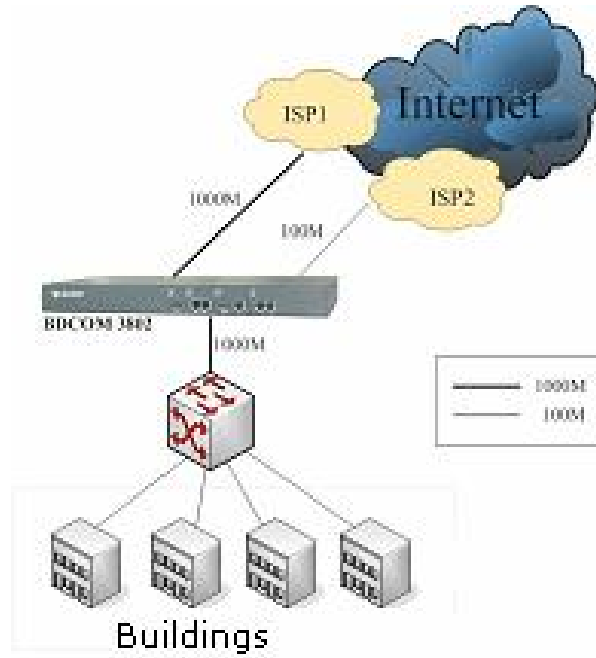
- BDCOM Router Operating System (BDRoS) presents configuration interface in a popular style, and with online help, it is easy to use. Its modular design is centered around IP services, and can be trimmed or extended to fit applications. BDRoS owns over 6,000 features.

Specifications

CPU	MPC 833MHz
Packet Forwarding Rate	800 Kpps
Memory	256 M DDR
Flash	32 M
Boot ROM	1024 K
Port (RPU)	2 * 10/100/1000M TX/SFP Combo Ports 3 * 10/100/1000M TX Ports 1 * Console Port 1 * AUX Port
Dimensions (L × W × H)	440 mm × 200 mm × 44 mm
Power Supply	AC: 100~240V, 47 ~ 63 Hz, 2A/230V; DC: -36 ~ -72 V, 2.3A
Power Consumption	60 W (max.)
Temperature	Operating: 0 ~ 40°C, non-operating: -20 ~ 65°C
Humidity	Operating: 10 ~ 85%, non-operating: 5% ~ 95% (no condensing)

Solutions

BDCOM 4805 can provide intelligent broadband access for large communities, through support for load balancing and policy-based routing, making an ideal solution for campuses, medium-to-large enterprises, residence communities, large net cafes, etc, where bandwidth and performance are important measurements. Security-wise, it protects the network with consummate firewall mechanism and VPN features.



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