

One Port Serial WAN Router



The PLANET ERT-805 Enterprise Serial router provides a serial WAN port equipped with T1/E1 interface, one 10/100Base-TX LAN port, and one console port for Internet access for both servers and LAN side. Because of the compatibility with Cisco routers, the ERT-805 can easily connect to your ISP and headquarter just like Cisco 805 serial router.

The ERT-805 provides QoS and Queue for optimizing bandwidth usage. Moreover, the ERT-805 offers Network address Translate (NAT), Context-based Access control (CBAC), access-list as well as Virtual private network (VPN) for network security. The ERT-805 enables small and medium enterprises to conduct business over the Internet while protecting valuable resources. This router provides a serial port that offers up to 2Mbps (E1) bandwidth and also supplies a reliable and stable path to Internet.

KEY FEATURE

WAN Connectivity

- One serial interface supports V.35 DTE/DCE, X.21, V.24, RS-232, up to E1 line rate
- Supports PPP, frame-relay, X.25, HDLC, SDLC, SLIP and Stun protocols

LAN Connectivity

- One RJ-45 Ethernet for 10Mbps, 100Mbps auto detection
- Complies with IEEE 802.3 10Base-T, IEEE 802.u 100Base-TX standard

Management

- One RJ-45 console interface for terminal program management
- Command line interface for full feature control
- Telnet, SNMP supports

Routing capability

- Provides RIP 1, RIP 2 and static routing protocol
- Supports EIGRP, OSPF routing protocol

Security

- AAA (authentication, authorization, accounting) with PAP (Password Authentication Protocol), CHAP (Challenge Handshake Authentication Protocol) and CBAC (Content-based Access Control) for network security
- Provide Access-list (ACL)
- RADIUS (Remote Authentication Dial-In Service)
- Network Address Translator (NAT) simultaneous use of one IP address
- VPN (Virtual Private Network) with IPSEC / IKE and GRE

QoS

- Provides WFQ, priority queuing, custom queuing and rate-limit to increase bandwidth performance and network efficiency

SPECIFICATION
Product Serial WAN Router

Model	ERT-805
Device Specification	
LAN	1 x 10/100Base-TX (RJ-45)
WAN	1 x Serial Port (DB-25)
Console	1 x RJ-45
LED	5; Power, LAN Speed, LAN Link/Activity, WAN and Console Link/Activity
Network standard	IEEE 802.3, 10Base-T, IEEE 802.3u, 100Base-TX
Router OS Operation	
Communication	PPP, frame-relay, X.25, PPPOE, HDLC, SDLC, SLIP and LAPB
Security	ACL, NAT, AAA RADIUS, PAP, CHAP and CBAC
Route protocol	RIP V1 and V2, CDP, OSPF, EIGRP and Static
VPN	IPSEC and IKE, GRE
Queue/QOS	WFQ, CQ, priority queuing and rate-limit. Class-map and policy-map
Application	DHCP server, PING, Trace Route, telnet, TFTP
Management	Telnet, Console
Throughput	2Mbps
Environment / Hardware Specification	
Power Input	100 ~ 240V AC (+/-10%); 50/60Hz (+/-3%) auto-sensing
Power Consumption	10 watts / 34BTU
Dimensions	217 x 135 x 43 mm (1U height; 10/19-inch rack mountable)
Weight	1 Kg
Temperature	0 to 50 Degree C (operating) -20 to 70 Degree C (storage)
Humidity	10 ~ 90% RH (non-condensing)
Regulatory	FCC, CE class A

APPLICATIONS
SME V.35 / X.21 Serial Router

With the support for V.35/X.21/V.24 interface, at maximum E1 line-rate can be built directly for the connectivity of enterprises to Internet, or enterprises to enterprises over E1 line.

ORDERING INFORMATION

ERT-805	Serial WAN Router (1 x WAN, 1 x LAN, 1 x console)
Cables / Accessories	
CB-ERTV35-MT	V.35 DTE Cable (Male) for ERT series router
CB-ERTV35-FC	V.35 DCE Cable (Female) for ERT series router
CB-ERT232-MT	V.24 DTE Cable (Male) for ERT series router
CB-ERT232-FC	V.24 DCE Cable (Female) for ERT series router
CB-ERTX21-MT	X.21 DTE Cable (Male) for ERT series router
CB-ERTX21-FC	X.21 DCE Cable (Female) for ERT series router
RKE-10A	Rack mount kit for 10-inch cabinet
RKE-10B	Rack mount kit for 19-inch cabinet