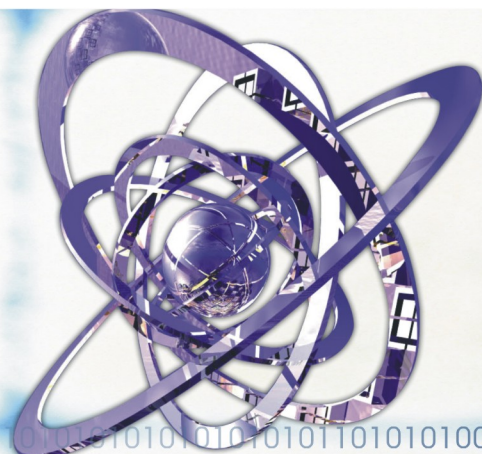


MP801E Access Router



- MP801E is a small access router researched and developed independently by Maipu Communication.
- MP801E adopts modular design and the modular structure facilitates a low-cost solution for small branches and ATMs.
- MP801E integrates routing, VoIP, security, transmission, network management and so on applications. The SNA/DLSw, VoIP, VPN and MPLS applications, backup and QoS features enhance data, video and VoIP access solutions.
- Combining with other Maipu series routers, MP801E provides integrated solutions for telecom, finance, government, energy, education and military sectors.



Key Features

- 30kpps throughput based on high-speed forwarding engine
- Fixed dual FE interface. Supports one MIM slot and VoIP slot for WAN and VoIP expansion
- E1/CE1 module. Good price performance ratio when compared with Cisco1841
- Transmission module comprises frequency-band 33.6K-modem, baseband 128K-modem & ISDN
- Complete routing protocols such as OSPF, RIP, IRMP (compatible with EIGRP) and BGP
- RFC-compliant. Compatible with Cisco, Huawei and Juniper equipment
- Anti-static & anti-dust design

Technical Specifications

Item	Description				
Configuration					
Produce model	Console port	MIM slot	IP phone slot	Standard configuration interface	SNA/IPsec jack
MP801E	1	1	1	2FE	1
Performance parameters					
Processor	High-speed PPC processor				
Flash	Default 8MB				
Memory	Default 64MB				
Standards & protocols					
Link protocol	PPP, SLIP, SDLC, FR, LLC2, ISDN, X.25, HDLC, LAPB, Ethernet_II, Ethernet_SNAP, 802.1Q				
Network protocol	TCP/IP, ICMP, UDP, FTP, TFTP, SNMP, TELNET, RLOGIN, DHCP, HTTP, DNS, ARP, DLSw, DDR				
Routing protocol	Static routing, RIPv1, RIPv2, OSPF, BGP, NDSP, IRMP, SNSP, IGMP, DVMRP, PIM-SM/DM				
Network security	PPP encryption, PPTP, L2TP, GRE, policy routing, AAA, IPsec, IKE, PKI, CA, MPLS L2/L3VPN, SSH, SNMP V3				
IP phone	H.323 protocol cluster, H.225, H.245, RTP/RTCP, RTP condensation, T.38/T.30, G.711A/?G.729, G.729A/B, G.723.1 (5.3/6.3K)				
QoS	FIFO, PQ, CQ, FQ, WFQ, CBWFQ, LLQ, RSVP, CAR, SPD, WRED, flow-filtering				
Physical indices					
Dimension (H x W x D)	44.5mm x 340mm x 230mm				
Weight	(Maximum)2.5 Kg				
Power supply requirement					
Input voltage (AC)	Voltage: 100-240V	Current: 1A	Frequency: 50/60Hz		
Input voltage (DC)	Voltage: - 40 ~ - 57V	Current: 1.5A			
Power consumption	15W				
Environmental					
Temperature	0 ~ 40°C				
Humidity	10 ~ 90%. Non-condensing				

Order Information

Product model	Description
MP801E-AC	MP801E series router. One high-speed MIM, one IP phone slot, two 10/100M Ethernet interfaces and AC power source
MP801E-DC	MP801E series router. One high-speed MIM, one IP phone slot, two 10/100M Ethernet interfaces and DC power source
High speed MIM	
RM2-1ETE	One-port 10M external Ethernet module
RM2-1SAE	One -port high-speed async/sync serial module
RM2-1M336	One -port 33.6Kbps frequency band MODEM module
RM2-1M128	One -port baseband MODEM module
RM2-1CE1	One-port channelized E1 module
RM2-1E1	One-port non-channelized E1 module
RM2-1U	One-port ISDN U module
RM2-1ST	One-port ISDN S/T module
RM2-1VOP	One-port FXS module (voice)
RM2-2VOP	Two-port FXS module (voice)
RM2-1VOS	One-port FXO module (voice)
RM2-2VOS	Two-port FXO module (voice)
SNA/IPSec jack	
SNA	SNA jack
IPSec	IPSec jack
IPSec + SNA	SNA + IPSec jack

Typical Applications

DCN Solution

Initially there was in-band management between BTS and MSC by wireless. But what if wireless disconnects? So out-band management is required for example like 801E+RM2-1CE1. Hundreds of routers are used for BTS microwave router. Each CE1 is split into 2 or more channels separately for Mumbai and Hyderabad where the managing servers are located.

