

Key Features >>

Switching Mode	Store and forward mode; Supports jumbo frame
Ethernet	MTU:12,288 byte Up to 8k MAC Support 4,094VLANs (C-tag), stacked VLANs (QinQ, S-tag) Layer 2 loopback on single and multiple flows Layer 2 control protocol (L2CP) handling
IP Services	DHCP client, option 17,61,66,67,150 IPv4, Static management routing
Traffic Management	Service classification per port/VLAN/CoS(DSCP) Support SP, WRR and SP+WRR scheduling modes, and up to 8 queues per port MEF-compliant 3-color policing with color-aware and color-blind mode Bandwidth throttling per port/VLAN/CoS(DSCP), CIR/EIR per flow
Security	ACL based on VLAN, CoS, MAC, EtherType, IPv4, IPv6, or user-define RADIUS, TACACS+ Storm control (broadcast, multicast, DLF)
Reliability	Link aggregation group (LAG) Interface backup ITU-T G.8031 Ethernet link protection switching (ELPS) and G.8032 Ethernet ring protection switching (ERPS) with the automatic protection switchover time less than 50ms Port/VLAN-based Ethernet local loop detection Fault propagation
Ethernet OAM	IEEE 802.3ah EFM-OAM link management IEEE 802.1ag connectivity fault management (CFM) with 3.3ms CCM resolution ITU-T Y.1731 performance monitoring (PM) Hardware-based frame delay (FD) measurement Y.1564 Hardware-based SLA KPIs per port or EVC, which include throughput, delay, jitter, packet loss and availability Dying gasp message in case of power failure
Zero-Provisioning	Auto-establishment of management tunnels across L2/L3 networks Easy generation and distribution of massive configuration files using GUI-based toolkit
System Management	Remote management via SNMP v1/v2/v3, Telnet and SSH v1/v2 Local management via console interface MEF 36 compliant MIB

KeepAlive, RMON, LLDP, Syslog
 Port/VLAN/CoS-based statistics
 SFP digital diagnostic management (DDM)
 temperature and CPU monitoring
 Voltage and temperature monitoring
 Dual system

Fault Propagation From line to client interface fault propagation (user configurable);
 Client interface fault propagation

MPLS-TP MPLS-TP OAM and APS MPLS L2VPN VPLS

Specifications >>

Performance	Switching fabric: 6Gbps;
Physical Interface	Management port: 1 console (USB); 1 out band SNMP(RJ45) Client interfaces:1 x FE/GE combo Network interfaces:2 x FE/GE SFP
Power Specs	100 - 240V AC, -36 - -72V DC WP Full load: ≤12W
User Conditions	Operating temperature: -20~60°C; Storage temperature: -25~70°C ; Humidity: 10~90% non-condensing
Dimensions	180(W)mm x 160(D)mm x 43.6(H)mm
Weight	≤ 2.5Kg

Compliances >>

Standards & protocols	IEEE802.3,802.3u IEEE802.3ad Link Aggregation IEEE802.1p,802.1Q VLAN IEEE802.1ad QinQ IEEE802.3ah OAM IEEE802.1ag CFM ITU-T Y.1731 Services OAM ITU-T G.8031 ELPS ITU-T G.8032 ERPS SNMPv1/v2c/v3 CE certified ,UL RoHS compliance EMI Class A MEF6,8,9,10,11,13,14,16,17,20,31,36 CE2.0- compliance
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Ordering Information >>

RAX701-FC-X	1FE combo and 2FE SFP interface, X = power - AC or DC or WP
RAX701-GC-X	1GE combo and 2GE SFP interface, X = power - AC or DC or WP