ComX Computers
Product Specification Sheet

JD433A

HP A-MSR50-40 Multi-Service Router

Product Overview

HP A-MSR50-40 Multi-Service Router



Specifications

Overview:

HP MSR50 Series routers are a component of the HP FlexBranch solution, which is part of the HP FlexNetwork architecture. These routers are designed for large branch offices, regional offices, and enterprise deployments that require high-performance converged routing, switching, wireless, security, voice, and virtualized applications.

The MSR50 Series has a rich set of modular WAN, LAN, and voice interface connectivity options, as well as embedded hardware-based encryption and voice processing. With optional Open Architecture Platform (OAP) modules, it can deliver VMware vSphere, an industry-leading virtualization platform that integrates third-party applications with the router.

Features:

Quality of Service (QoS)

Traffic policing: supports Committed Access Rate (CAR) and line rate

Congestion management: supports FIFO, PQ, CQ, WFQ, CBQ, and RTPQ

Weighted random early detection (WRED)/random early detection (RED): delivers congestion avoidance capabilities through the use of queue management algorithms

Other QoS technologies: support traffic shaping, FR QoS, MPLS QoS, and MP QoS/LFI

Management

- Management interface control: provides management access through modem port and terminal interface; provides access

through terminal interface, telnet, or SSH

- Industry-standard CLI with a hierarchical structure: reduces training time and expenses, and increases productivity in multivendor installations

- Management security: restricts access to critical configuration commands; offers multiple privilege levels with password protection; ACLs provide telnet and SNMP access; local and remote syslog capabilities allow logging of all access

- SNMPv1, v2, and v3: provides complete support of SNMP; provide full support of industry-standard Management Information Base (MIB) plus private extensions; SNMPv3 supports increased security using encryption

- Remote monitoring (RMON): uses standard SNMP to monitor essential network functions; supports events, alarm, history, and statistics group plus a private alarm extension group

Connectivity

- High-density port connectivity: provides up to 10 interface module slots and up to 90 Fast Ethernet ports

- Multiple WAN and LAN interfaces: provide a traditional link with E3, T3, E1, T1, ADSL, ADSL2, ADSL2+, G.SHDSL, OC-3, POS, ATM, and ISDN/AM backup; deliver high-density Ethernet access with WAN Fast Ethernet/Gigabit Ethernet, LAN Fast Ethernet, and PoE; offer mobility access with IEEE 802.11b/g/n Wi-Fi and 3G

- 3G access support: provides 3G wireless access for primary or backup connectivity via a 3G SIC module certified on various cellular networks; optional carrier 3G USB modems are available

- Ideal IP telephony solutions: support FXO, FXS, T1, E1, and BRI in various densities; provide Web browser-based administration, Smart Dial Routing, FXS and FXO 1:1 binding for all ports, Power to Escape to PSTN when IP failures occur, and Enhanced Local MSR Survivability

- Flexible port selection: provides a combination of fiber and copper interface modules, 100/1000BASE-X auto-speed selection, and 10/100/1000BASE-T auto-speed detection plus auto duplex and MDI/MDI-X

Performance

- Excellent forwarding performance: provides forwarding performance up to 800 Kpps/1280 Kpps (for two kinds of engines); meets current and future bandwidth-intensive application demands of enterprise businesses

- Powerful encryption capacity: includes embedded hardware encryption accelerator to improve encryption performance

- Flexible chassis selection: offers a choice of four or six FIC slot routers, meeting different requirements on enterprise branches

Specifications:

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Specifications	
Product Code	JD433A
Ports	6 FIC module slots
	Maximum
Throughput	Up to 1280 Kpps
	Maximum
Routing/switching capacity	3 Gbps
	Maximum
Routing table size	100000 entries (IPv4), 100000 entries (IPv6)
PoE capability	500 W PoE
	Optional

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/JD433A-HP-A-MSR50-40-Multi-Service-Router-p-123973.php

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