




DASAN Networks' M2200 is a 1U height single-board Mobile Backhaul Pre-Service Aggregation Router optimized for expanding network.

It provides one CIU (Clock Interface Unit) and four IU (Interface Unit) slots. Through the IUs, the user can configure the unit according to the network environment by using 100/1000Base-X (SFP), 10GbE (SFP+), 100/1000Base-T (RJ45) or TDM (RJ45), which can be used selectively as uplink or downlink. On the CIU slot, the module having SMA, TOD and BITS ports is mounted for clock synchronization.

And the M2200 provides 2 PSU (Power Supply Unit) slots where DC or AC power module can be mounted. This ensures equipment-level reliability with power module redundancy architecture.

#### Various Interfaces

- Modules: GE4/GE6/GT4/GT6/10GE/E1T1
- Clock Synchronization: SMA, TOD, BITS
- Power: PSU DC, PSU AC

#### Reliable Management Security Features

- Reliable service with uplink/power redundancy system
- Network management via Ethernet OAM (EFM/Y.1731/G.8032)
- Non-stop forwarding, non-stop routing
- SNMPv1/v2/v3 with RMON, Alarms
- Improved QoS and differentiated traffic service
- RADIUS, TACACS+ Authentication
- Realtime network traffic monitoring and analyzing

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### • Specification

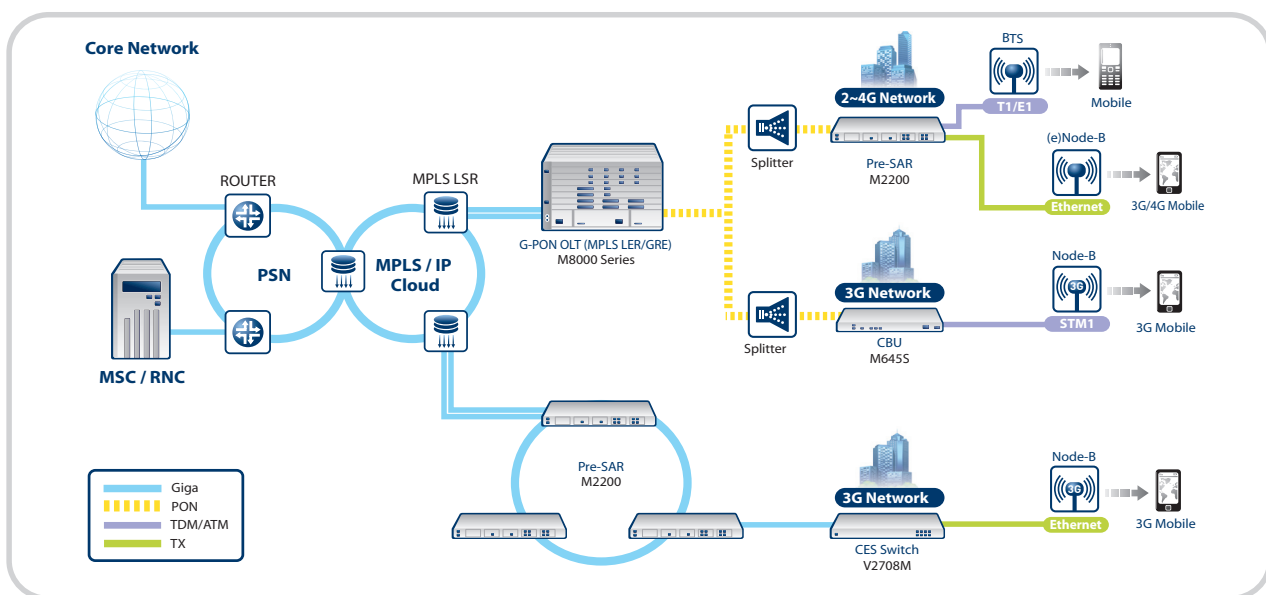
Switching Capacity	80Gbps	MGMT	1 port 10/100Base-TX (RJ45)
Throughput	60Mpps	Console	1 port Console (RS232)
IU (Interface Unit) (4 slots)	IU_GE4: 4 port 100/1000Base-X (SFP) IU_GE6: 6 port 100/1000Base-X (SFP) IU_GT4: 4 port GTX (RJ45) IU_GT6: 6 port GTX (RJ45) IU_10GE: 1 port 10GbE (SFP+) IU_E1T1: 6 port TDM (RJ45)*	Flash Memory	8MB (Bootloader) + 64MB (NOS)
CIU (Clock Interface Unit) (1 slot)	2 port 1pps/10MHz (SMA)* 1 port TOD (RJ45)* 1 port BITS (RJ45)*	SDRAM	512MB (DDR3)
PSU (Power Supply Unit) (2 slots)	PSU_DC PSU_AC*	Power Voltage	DC module: -48/24VDC
		Power consumption	52W (four IU_GT6 modules mounted)
		Operating Temp.	-4 to 140°F (-20 to 60°C)
		Storage Temp.	-40 to 158°F (-40 to 70°C)
		Operating Humidity	0 to 90 % (non-condensing)
		Dimensions (W x H x D)	17.3 x 1.7 x 13.8 in (440 x 44 x 350 mm)

\* Available in the future

### • Functionality

L2 Features	Standard Ethernet Bridging Port/Subnet/Protocol-based VLAN 32K MAC Address Entries 4K VLANs Spanning Tree: STP, RSTP, MSTP 802.3ad Link Aggregation	Security & QoS	RADIUS, TACACS+ Authentication Ethernet type / L4-based ACL SSHv1/v2 QoS and Marking : SP, WRR, DWRR Cos/QoS acc. to 802.1p, DSCP/TOS, IP SA/DA MEF E-Line support (QinQ)
L3 Features	IPv4 Routing RIPv1/v2, OSPFv2, BGPv4 Virtual Router Redundancy Protocol (VRRP)	Management	Serial / Telnet (CLI) RMON SNMPv1/v2/v3 OAM(802.3ah EFM, Y.1731) ITU-T G.8032 R-APS Active-standby Uplink Redundancy
Multicast	IGMPv1/v2/v3, PIM-SM/SSM IGMP snooping Multicast VLAN Registration (MVR)		

### • Sample Configuration



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