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Overview

Huawei SmartAX MA5800 X7 OLT is 19inch, with 6U height 7 service slots, 200G throughput per slot, support GPON, 10G PON, 40G/100G PON ready; H901BPMB subrack equipped with 2xH901MPLA, 2xH901PILA. It adopts a distributed forwarding architecture with a single-slot throughput of 200G and supports large-capacity 40GPON non-blocking access.



0	Universal board	11	Power board	10	Power board	Fan tray
1	Service board					
2	Service board					
3	Service board					
4	Service board					
5	Service board					
6	Service board					
7	Service board					
8	Control board					
9	Control board					

Slot Type	Slot No.	Total
Control board (SCU) slot	8,9	2
Power board slot	10,11	1
Universal interface board (GPIO) slot	0	1
Service board slot	1~7	7

Quick Specification

Model	Huawei SmartAX MA5800-X7
Full weight (with IEC mounting ears)	9.4kg
Dimensions (H x W x D)	Without hanging size: 442.0mmx268.7mmx88.1mm
	With IEC specifications hanging size: 482.6mmx268.7mmx88.1mm
	With ETSI specifications: 535.0mmx268.7mmx88.1mm
Power supply	DC (dual power backup) turbulence + battery backup
Rated voltage	AC power supply: 110V/220V
	DC power supply: -48V/-60V
Operating voltage range	DC power supply: -38.4V ~-72V
	AC power supply: 100V ~ 240V

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Maximum input current per channel	DC power supply: 20A
	AC power supply: 8A

Product Details:

The Front Panel:



Features Huawei SmartAX MA5800-X7 provides:

★ Multi-media Gigabit aggregation

Uniform access aggregation of optical fibres, copper cables, and cable media through PON/P2P, transforming multi-media independent access networks into a unified architecture access network for unified access and aggregation And management to simplify network architecture and operation and maintenance.

★ 4K/8K/VR video experience

Single-frame MA5800 can meet 16,000 homes and enjoy 2nd, ultra-high-definition 4K/8K/VR video online; use distributed cache, with larger cache and video burst absorption capability, thus helping 4K/8K/VR video quick start or channel switching; VMOS/eMDI video surveillance can realize intelligent sensing and troubleshooting for 4K/8K/VR video experience, bringing the best network operation and maintenance experience and user service experience.

★ Multi-service virtualization common platform

The MA5800 has the intelligence and virtualization capabilities to logically fragment devices and network resources, virtualize one OLT into multiple OLTs and assign different virtual OLTs to different services such as homes. , enterprise, Internet of Things and other multi-service intelligent operations, which help to collect old OLT, reduce the number of CO rooms, reduce operating costs; virtualization can support network open and wholesale, achieve multi-ISP shared-access network, ensure new business fast Agile deployment for better business experience.

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Accessories For SmartAX MA5800-X7:

Boards and Fan Tray:

Model name	Description
H901MPSC	4 GE/10GE upstream transmission ports and supports load sharing. By default, MA5800 connects to the upstream network through the control board
H901NXED	Enhanced 8-port 10GE upstream interface board, supporting 10GE/GE Ethernet upstream transmission. NXED is used when upstream ports currently provided in MA5800 are not enough.
H901GPHF	16 GPON ports for access services
H901GPSF	16 GPON ports for home access services
H901XGHD	8 asymmetric 10G GPON ports for access services.
H901TWED	8 symmetric 10G GPON ports for access services.
H901EDSH	32-channel E1 upstream board, supporting native TDM mode.
H901OGHK	48-port aggregated GE/FE optical interface board, supporting up to 48 channels of GE/FE
H901OXHD	8-port aggregated 10GE optical interface board, supporting GE/10GE Ethernet aggregation.
H901PISA	-48V DC input
H901PISB	one AC power input and supports battery for power backup.
H901FMSA	Supplier power to fans; controls and monitors the fans

Get more information:

Do you have any question about SmartAX MA5800-X7?

Contact us now via e-mail: info@hi-network.com

Specific Data Sheet:

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