



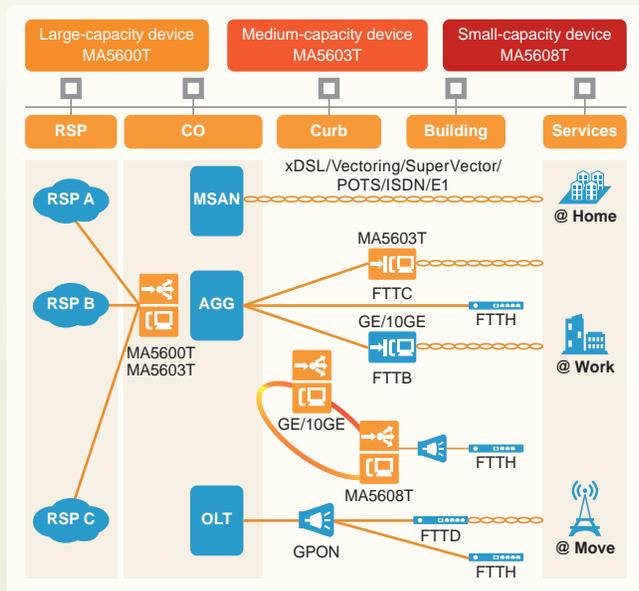
SmartAX MA5600T, MA5603T, and MA5608T

First Global All-in-One Access Platform

- The MA5600T, MA5603T, and MA5608T make up a series of integrated fiber-copper access devices. They support ADSL2+, VDSL2, vectoring, SuperVector, POTS, GPON, and P2P access modes and provide Internet access, voice, and video services to users.
- The MA5600T, MA5603T, and MA5608T help to simplify network architecture, improve network reliability, and lower TCO essentially.
- The MA5600T, MA5603T, and MA5608T meet requirements in different scenarios by supporting capacities for large, medium, and small products.

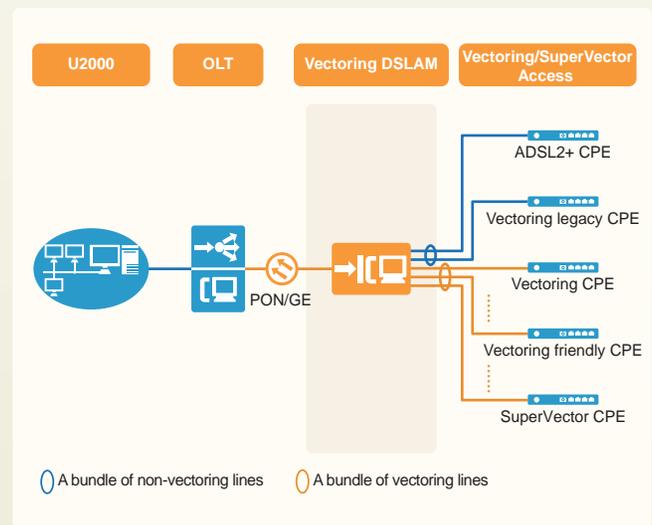
All in One

The MA5600T, MA5603T, and MA5608T are equipped with an integrated fiber-copper access platform, and integrated access and aggregation capability that effectively ensure the smooth evolution of the access network.



High-Bandwidth Copper Access

New technologies, such as VDSL2, vectoring, and SuperVector, revive existing copper lines by increasing their bandwidth. Based on VDSL2 vectoring, SuperVector accelerates the copper line rate to 300 Mbit/s. This helps copper lines meet users' requirements for high bandwidth.



Reliability

- Type B and type C protection in a GPON network.
- BFD, LAG, MSTP, RRRP, and Smart Link for upstream redundancy.
- Redundant backup of the control board, power board, and upstream board.

Green

- Equipped with unique GPON chipsets, the maximum power consumption of the 16-port GPON board is only 50 W, 30% less than the industry grade.
- The unique energy-saving bus allows vacant service boards and idle service ports to be powered off.

Product Specifications

Product												
	MA5600T (ETSI) 10 U (height), 21 inch (width)			MA5600T (IEC) 10 U (height), 19 inch (width)			MA5603T 6 U (height), 19 inch (width)			MA5608T 2 U (height), 19 inch (width)		
Control board switching capacity	<ul style="list-style-type: none"> SCUN/SCUK: 480 Gbit/s (active/standby mode)/960 Gbit/s (load-sharing mode) SCUH: 960 Gbit/s (active/standby mode)/1920 Gbit/s (load-sharing mode) 						<ul style="list-style-type: none"> 128 Gbit/s (active/standby mode) 256 Gbit/s (load-sharing mode) 					
Power supply mode	DC power supply (dual for backup)						<ul style="list-style-type: none"> DC power supply (dual for backup) AC power supply + battery for backup 					
Rated voltage	-48 V/-60 V						<ul style="list-style-type: none"> DC power supply: -48 V/-60 V AC power supply: 110 V/220 V 					
Ambient temperature	-40°C to +65°C* (normal operation) Minimum startup temperature: -25°C						*+65°C indicates the temperature of the air intake vent of the service subrack.					
GPON ports	16*16 = 256			16*14 = 224			16*6 = 96			16*2 = 32		
ADSL2+ ports	16*16 = 256			16*14 = 224			16*6 = 96			N/A		
VDSL2 ports	8*16 = 128			8*14 = 112			8*6 = 48			N/A		
Vectoring ports	64*12 = 768			64*12 = 768			64*6 = 384			N/A		
SuperVector ports	N/A			N/A			64*6 = 384			N/A		
POTS	64*16 = 1024			64*14 = 896			64*6 = 384			N/A		
GE/FE ports	48*16 = 768			48*14 = 672			48*6 = 288			48*2 = 96		
GE/10GE upstream ports <small>(control board for upstream transmission)</small>	<ul style="list-style-type: none"> SCUN/SCUK: 8*GE (load-sharing mode) SCUH: 8*10GE/GE (load-sharing mode) 						<ul style="list-style-type: none"> MCUD: 8*GE (load-sharing mode) MCUD1: 4*GE+2*10GE/GE (load-sharing mode) 					
GE upstream ports <small>(upstream board for upstream transmission)</small>	2*2 = 4			2*2 = 4			2*2 = 4			N/A		
10GE upstream ports <small>(upstream board for upstream transmission)</small>	2*2 = 4			2*2 = 4			2*2 = 4			N/A		

Why Huawei

Huawei's MA5600T, MA5603T, and MA5608T provide a stable and reliable ultra-broadband service experience for home and enterprise users. They carry all services over one fiber network, avoiding repeated network construction, simplifying networks, and making O&M easier. A leader in the access field, Huawei ranked first in market share for several consecutive years. 82% of global top 50 carriers choose Huawei's access solutions. Huawei is dedicated to building one efficient, simple, and ultra-broadband access network, improving customers' service experience.

More

MA5600T, MA5603T, and MA5608T:

<http://e.huawei.com/en/products/fixed-network/access/olt/ma5600t>

Access products:

<http://e.huawei.com/en/products/fixed-network/access>

Huawei products:

<http://support.huawei.com/enterprise>



MA5600T, MA5603T, and MA5608T



Access Products



Huawei Enterprise Support

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