










# Huawei OLT's comparison

	model	multi service	width	power	max users	GPON ports	XG-PON ports	XGS-PON ports	MAC address table	ARP table	service slots	control slots	power slots	uplink slots	height	switching cap	gpon boards	control boards	uplink boards	power boards
	MA5600T	yes	IEC: 19" ETSI: 21"	DC only	IEC: 28672 ETSI: 32768	IEC: 224 ETSI: 256	-	-	32000 SCUN/SCUF 131072 SCUH/SCUV	8192 SCUN 16384 SCUH/SCUV	IEC: 14 ETSI: 16	2	2	2	10U	3,2Tb/s	GPFD GPBD GPBH	SCUN SCUF SCUH SCUUV	GICF X2CS	PRTE
	MA5680T	no	IEC: 19" ETSI: 21"	DC only	IEC: 28672 ETSI: 32768	IEC: 224 ETSI: 256	-	-	32000 SCUN/SCUF 131072 SCUH/SCUV	8192 SCUN 16384 SCUH/SCUV	IEC: 14 ETSI: 16	2	2	2	10U	3,2Tb/s	GPFD GPBD GPBH	SCUN SCUF SCUH SCUUV	GICF X2CS	PRTE
	MA5603T	yes	19"	DC only	12288	96	-	-	32000 SCUN/SCUF 131072 SCUH/SCUV	8192 SCUN 16384 SCUH/SCUV	6	2	2	2	6U	1,5Tb/s	GPFD GPBD GPBH	SCUN	GICF X2CS	PRTE
	MA5683T	no	19"	DC only	12288	96	-	-	32000 SCUN/SCUF 131072 SCUH/SCUV	8192 SCUN 16384 SCUH/SCUV	6	2	2	2	6U	1,5Tb/s	GPFD GPBD GPBH	SCUN	GICF X2CS	PRTE
	MA5608T	yes	19"	AC or DC	4096	32	-	-	32000	8192	2	2	1	-	2U	720Gb/s	GPFD GPBD GPBH	MCUD MCUD1	MCUD1 MCUE	MPWC MPWD
	MA5800-X2	yes	19"	AC or DC	4096	32	32	16	262143	65536	2	2	1	-	2U	480Gb/s	GPHF GPSF XGHD XSED TWED CGCD	MPSC	-	PISA PISB
	MA5800-X7	yes	19"	DC only	14336	112	112	136	262143	65536	7	2	2	7	6U	7Tb/s	GPHF GPSF XGHD XSED TWED CGCD	MPLA MPLB MPLC	NXED	PILA
	MA5800-X15	yes	19"	DC only	30720	240	240	120	262143	65536	16	2	2	16	11U	7Tb/s	GPHF GPSF XGHD XSED TWED CGCD	MPLA MPLB MPLC	NXED	PILA
	MA5800-X17	yes	21"	DC only	34816	272	272	136	262143	65536	17	2	2	17	11U	7Tb/s	GPHF GPSF XGHD XSED TWED CGCD	MPLA MPLB MPLC	NXED	PILA

**MA5683T vs MA5603T?**  
 MA5603T is multi service based while MA5683T is just OLT, MA5603T can support service like ADSL, VDSL, GPON etc, while MA5683T only supports GPON, P2P etc, but their hardware and configuration command is the same.

**MA5683T vs MA5680T?**  
 The only difference is capacity, MA5683T max support 6 service slots, MA5680T max support 16 service slots. So MA5683T with smaller chassis.

**MA5680T vs MA5600T?**  
 MA5600T is multi service based while MA5680T is just OLT, MA5600T can support service like ADSL, VDSL, GPON etc, while MA5680T only supports GPON, P2P etc, but their hardware and configuration command is the same.

**MA5600T vs MA5603T?**  
 The only difference is capacity, MA5600T max support 16 service slots, but MA5603T max support 6 service slots. So MA5603T with smaller chassis.

**MA5608T vs other OLT?**  
 MA5608T hardware is different from other OLT (MA5680T/MA5683T/MA5600T/MA5603T), such as main control board and power board, only the service board is the same as others, MA5608T suitable for small site.

Technology	Downstream / Upstream
EPON	1,25G/1,25G
GPON	2,5G/1,25G
XG-PON	10G/2,5G
XGS-PON	10G/10G