

<b>FiberHome AN5516-01 OLT Datasheet</b>	
Slot configuration	Two slots for core switch cards (slots 9 and 10) 16 slots for service cards (slots 1 to 8 and 11 to 18) Two slots for uplink cards (slots 19 and 20) Two slots for vectoring cards (slots 8 and 11)
Slot bandwidth	HSWA / HSWB: 10G HSWD: 40G
Switch capacity of the backplane bus	3.76 Tbit/s
Switch capacity of core switch cards (in the load sharing mode)	488 Gbit/s (when the HSWA / HSWB card is configured) 1.92 Tbit/s (when the HSWD card is configured)
Maximum number of MAC addresses in the system	HSWA / HSWB: 32K HSWD (2202258): 128K HSWD (2201069): 288K
Maximum number of IPv4 routing tables in the system	HSWA: 8K HSWD (2201069): 128K HSWD (2202258): 64K
Maximum number of IPv6 routing tables in the system	HSWA: 4K HSWD (2201069): 64K HSWD (2202258): 32K
Maximum number of ARP tables in the system	8K
Maximum number of multicast groups in the system	HSWA / HSWB: 8K HSWD: 16K
Maximum number of 10G G/EPON ports in the system	128
Maximum number of XG-PON ports in the system	128
Maximum number of GPON & XG-PON Combo ports in the system	128
Maximum number of GPON & XGS-PON Combo ports in the system	128
Maximum number of Ethernet ports in the system	256 GE optical / electrical ports
Operating temperature	Long term: 0°C to 45°C Short term: -5°C to 55°C
Rated voltage	-48 V
Working voltage range	-40 V to -56 V
Power supply mode	DC
Maximum input current	63 A
Dimensions of a subrack with mounting ears for 19-inch cabinets (H × W × D)	471.7 mm × 480.8 mm × 262.7 mm
Weight of an empty subrack	13.9 kg