

FiberHome AN5516-06 OLT Datasheet	
Slot configuration	Two slots for core switch cards (slots 9 and 10)
	Six slots for service cards (slots 11 to 6)
	One slot for the vectoring card (slot 11)
	Two slots for uplink cards (slots 19 and 20)
	One slot for the fan unit (slot 21)
	Two slots for power cards (slots 24 and 25)
	One slot for the common interface card (slot 26)
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	96
Maximum number of XG-PON ports in the system	48
Maximum number of GPON & XG-PON Combo ports in the system	48
Maximum number of GPON & XGS-PON Combo ports in the system	48
Maximum number of Ethernet ports in the system	96 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)	265.9 mm × 480 mm × 242 mm
Weight of an empty subrack	10.8 kg