

## Huawei CloudEngine 6881-48S6CQ-B Gestionado L2/L3/L4 Negro



**Marca :** Huawei

**Familia de productos:**  
CloudEngine

**Código del producto:**  
02352QGG-004

**Nombre del producto :**  
6881-48S6CQ-B

Huawei CloudEngine 6881-48S6CQ-B. Tipo de interruptor: Gestionado, Capa del interruptor: L2/L3/L4. Cantidad de puertos USB 2.0: 1, Puerto de consola: RJ-45. Bidireccional completo (Full duplex). Tabla de direcciones MAC: 256000 entradas, Capacidad de conmutación: 2160 Gbit/s. Estándares de red: IEEE 802.3ae, IEEE 802.3ba

Management features		Security	
Switch type *	Managed	DoS attack prevention	✓
Switch layer	L2/L3/L4	ARP attack prevention	✓
Quality of Service (QoS) support	✓	ICMP attack prevention	✓
Traffic shaping	✓	Persistent MAC Learning (Sticky MAC)	✓
iStack technology	✓	Authentication type	AAA, HWTACACS, RADIUS
Weighted random early detection (WRED)	✓	MAC address entries	Blackhole MAC address entries, Dynamic MAC address entries
Packet Conservation Algorithm for Internet (iPCA) technology	✓	Neighbor discovery snooping	✓
NetStream	✓	Multicast features	
System event log	✓	Multicast support	✓
Ports & interfaces		Multicast features	Multicast traffic suppression
Basic switching RJ-45 Ethernet ports type *	✗	Protocols	
SFP+ module slots quantity	48	Device link detection protocol (DLDAP)	✓
Console port	RJ-45	Virtual Router Redundancy Protocol (VRRP)	✓
QSFP28 ports quantity	6	Routing protocols	BGP, BGP4+, IS-IS, OSPF, OSPFv3, RIP, RIPng
USB 2.0 ports quantity	1	IPv4 & IPv6 features	IPv6 ping, IPv6 tracer
Network		Design	
Networking standards *	IEEE 802.3ae, IEEE 802.3ba	Product colour	Black
10G support *	✓	Airflow direction	Back-to-front airflow
Zero Touch Provisioning (ZTP)	✓	Number of fans	4 fan(s)
Full duplex	✓	Performance	
IP routing	✓	Built-in processor	✓
MAC address auto-learning supported	✓	Processor frequency	1400 MHz
MAC address auto-aging supported	✓	Internal memory	4096 MB
Network virtualization technologies	Multi-Chassis Link Aggregation (MLAG), Q-in-Q tunneling, Virtual Extensible LAN (VXLAN)	Flash memory	4000 MB
Address Resolution Protocol (ARP) entries (max)	256000	Smart Link multi-instance	✓
Fast leave	✓	Traffic analysis	✓
IPv4 routes	256000	sFlow	✓
IPv6 routes	80000	Power	
VLAN support	✓	Power source *	AC
Virtual LAN features	Multicast VLAN, VLAN Identifier (VLAN ID)	Power supply included *	✓
Data transmission		Number of power supply units	2
Switching capacity *	2160 Gbit/s	AC input voltage	100 - 240 V
Forwarding rate	940 Mpps	AC input frequency	50 - 60 Hz
MAC address table *	256000 entries	Output power	1200 W
Static route	✓	Power consumption (typical)	194 W
		Power consumption (max)	349 W
		Surge protection	✓

<b>Data transmission</b>		<b>Power</b>	
Path MTU discovery	✓	Surge protection voltage	6 kV
Packet buffer memory	42 MB	<b>Power over Ethernet (PoE)</b>	
<b>Security</b>		Power over Ethernet (PoE) *	✗
Access Control List (ACL)	✓	<b>Operational conditions</b>	
Access Control List (ACL) rules	30000	Operating temperature (T-T)	0 - 40 °C
IGMP snooping	✓	Storage temperature (T-T)	-40 - 70 °C
IGMP proxy	✓	Operating relative humidity (H-H)	5 - 95%
MAC address filtering	✓	Operating altitude	0 - 5000 m
Static port security	✓	Heat dissipation	1191 BTU/h
		<b>Weight &amp; dimensions</b>	
		Width	442 mm
		Depth	420 mm
		Height	43.6 mm
		Weight	7.8 kg

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