



光语
GLORY

AC6805-G

Wireless Access Controller



■ ■ Product Overview

The AC6805-G is a wireless Access controller for large and medium-sized enterprise campuses, enterprise branches and campuses. It can manage up to 10240 AP and has a forwarding capacity of up to 160Gbps. The number of managed wireless access points can be flexibly configured. Set up large and medium-sized campus networks, enterprise office networks, wireless metro networks, hot spot coverage and other application environments.

■ ■ Product Features

Physical Parameters:

Items	Description
Overall Dimensions (H × W × D)	43.6mm × 442mm × 440mm
Interface Type	2*40G(QSFP+)+12*10GE(SFP+)+12*GE 1*ETH management port 1*Console port 1*USB3.0 Instructions · One 40G and four 10G are mutually exclusive.
Maximum Power Consumption	202.5W
Weight	5.83kg
Operating Temperature with Altitude	-60m to +1800m: 0°C to +45°C 1800m to 5000m: The maximum operating temperature is reduced by 1°C for every 220m increase in altitude
Relative Humidity	5% to 95%RH, non-condensing
Power Module	Supports AC and DC power supply, hot swap, and hot backup Instructions · A maximum of 2 power supplies can be configured.



Product Specifications

Performance Specifications:

Items	Description
Number of Manageable Aps	Central AP: 768 Normal AP and remote unit: 10240 Instructions <ul style="list-style-type: none"> The number of remote units managed by the WLAN AC does not occupy the license resources of the WLAN AC. However, the total number of common aps and remote units that the WLAN AC can access cannot exceed the specifications. 10K needs to be upgraded to the R23C00 version.
Maximum User Access Capability	102400 Instructions <ul style="list-style-type: none"> The number of access users varies according to different authentication methods.
Number of MAC Address Tables	153600
Forwarding Capability	Direct forwarding: 160Gbps Tunnel forwarding: 160Gbps
Number of Vlans	4096
Number of Routing Entries	IPv4:16384 IPv6:4096
Number of ARP Entries	153600
Number of Multicast Entries	2048
Number of DHCP IP Address Pools	The maximum number of address pools is 256 The maximum number of addresses that can be assigned to each pool is 131072
Local Accounts	6000
Number of Access Control Lists	32768

Full Range of Wireless Controller Models

Model	Wireless Access Controller-High-end Model
AirEngine 9703-H-G	Airengine 9703-H-G host (8 Gigabit Combo ports,16 10-Gigabit SFP+,2 40-gigabit QSFP+, no power)
AC6805-G	AC6805-G host (12 Gigabit Ethernet ports,12 10-gigabit SFP+,2 40-gigabit QSFP+, no power)
Model	Wireless Access Controller-Standard
AirEngine 9703-S-G	AirEngine9703-S-G host (8 Gigabit Combo ports,16 10-gigabit SFP+,2 40-gigabit QSFP+, no power supply)
AirEngine 9700-M1-G	Airengine 9700-M1-G host (12 Gigabit Ethernet ports,12 10-Gigabit SFP+,2 40-Gigabit QSFP+, no power)
Model	Wireless Access Controller - Lite version
AirEngine 9701-L-G	Airengine 9701-L-G host (10 GE electrical ports,2 10GE optical ports, including AC/DC power adapter)
AC6508-G	AC6508-G mainframe (10 Gigabit Ethernet ports,2 10-gigabit SFP+, including AC/DC power adapter)



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