



光语
GLORY

AirEngine 8771-X1T-G

Wireless Access Point



■ Product Overview

The AirEngine 8771-X1T-G is a new generation 802.11be wireless access point with a built-in dynamic zoom smart antenna that simultaneously supports 2.4 GHz (4×4 MIMO), 5 GHz (4×4 MIMO) and 6 GHz (4×4 MIMO) tri-band, The whole machine has 12 space streams, the rate can reach 18.67Gbps, so that users can enjoy fiber-optic wireless experience, suitable for meta-universe, XR remote collaboration, XR telemedicine, XR interactive teaching and other innovative scenarios.

- The 6G band can be flexibly switched to 5G band, perfectly compatible with the scene that the 6G band has not been released;
- Built-in 2 10GE electrical ports and 1 10G optical port, and both electrical ports support PoE power supply, support dual PoE hot backup, 10G optical port supports photoelectric hybrid cable, can be 300
- Meters long distance PoE++ power supply;
- Built-in dynamic zoom smart antenna, support omnidirectional and high-density coverage mode, can dynamically adjust the coverage mode according to different scenarios, omnidirectional mode coverage range is wide, high-density mode improves the performance of the whole network, to ensure the user high-density access business experience;
- ProvideUSB interface, can be used to expand the external Internet of things (support ZigBee, RFID and other protocols);



Product Specifications

Items		Description
Physical Parameters	Dimensions (W × D × H)	220 × 220 × 50 mm
	Weight	1.4kg
	Interface	2*10/100/1000M/10GE Adaptive Ethernet port (RJ45) 1*1G/10G optical port 1*USB Port Instructions The actual maximum power consumption varies according to national and regional regulations. <ul style="list-style-type: none"> 10GE electrical ports support PoE input. The 10 Gbit/s optical port supports 10 Gbit/s optical transceivers, 1 Gbit/s optical transceivers, and hybrid optical transceivers (which support PoE).
	Bluetooth BLE	Bluetooth BLE 5.2
	LED Indicator	Indicates the system power-on status, startup status, operating status, and alarm and fault status
Power Supply Parameters	Power Input	DC: 43.2V to 57.6V PoE power supply: meets the 802.3bt/at Power over Ethernet standard Instructions <ul style="list-style-type: none"> How the equipment works under different power supply modes
	Maximum Power Consumption	44.4W (excludingUSB) Instructions <ul style="list-style-type: none"> The actual maximum power consumption varies according to national and regional regulations.
Environmental Parameters	Operating Temperature	-10°C to +50°C
	Storage Temperature	-40°C to +70°C
	Operating Humidity	5% to 95% (non-condensing)
	Altitude	- 60m to 5000m
	Working Air Pressure	53kPa to 106kPa
Rf Parameters	Antenna Type	Built-in dynamic zoom smart antenna
	Antenna Gain	2.4GHz: 4dBi 5GHz: 5dBi 6GHz: 5dBi Instructions <ul style="list-style-type: none"> The above gain is the single antenna peak gain. After combining all antennas of 2.4GHz or 5GHz, equivalent antenna gain: 2.4GHz: 2dBi, 5GHz: 3dBi, 6GHz: 3dBi.
	Maximum SSID Number Per RF	≤16
	Maximum Number of Users	≤1536 (512/ RF)

Full Range of WiFi6 Indoor Models

Model	Wi-Fi 7 (802.11be) with AP installed indoors
AirEngine 8771-X1T-G	Airengine 8771-X1T-G(11be indoor model,4+4+4 triple RF, independent scan RF, Dynamic Zoom Smart antenna,USB, Bluetooth)
AirEngine 6776-57T-G	Airengine 6776-57T-G(11be indoor model,2+2+4 triband, Smart antenna,USB, Bluetooth)
AirEngine 6776-56TP-G	Airengine 6776-56TP-G(11be indoor model,2+2+4 triband, Smart antenna,USB, Bluetooth,PoE OUT)
AirEngine 5776-26-G	Airengine 5776-26-G(11be indoor model,2+4 dual band, Smart antenna,USB)
AirEngine 5773-23H-G	Airengine 5773-23H-G(11be indoor model,2+2 dual band, smart antenna,USB, Bluetooth, a built-in 2.5G/GE BIDI optical module LC)
AirEngine 5773-22P-G	Airengine 5773-22P-G(11be indoor model,2+2 dual band, Smart antenna,USB, Bluetooth,PoE OUT)
AirEngine 5773-21-G	Airengine 5773-21-G(11be indoor model,2+2 dual band, Smart antenna,USB, Bluetooth)
Model	Wi-Fi 7 (802.11be) panel AP
AirEngine 5773-23HW-G	Airengine 5773-23HW-G(11be indoor model,2+2 dual band, smart antenna,USB, Bluetooth, a built-in 2.5G/GE BIDI optical module LC)



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