



Fit6 4x4 Lite

EnGenius Fit 802.11ax 4×4 雙頻 室內無線基地台

簡介

EnGenius Fit6 4x4 Lite 室內無線基地台提供先進的 802.11ax 技術，為用戶提供極其迅速和高效的性能，2.4GHz 頻率的最大理論傳輸量為 1,148 Mbps，5GHz 頻率的驚人傳輸量為 2400Mbps！此外，它還受到頂級的 WPA3/WPA2PSK AES 加密協議的保護，提供無與倫比的安全性。



功能介紹

- 雙發式 802.11ax 架構且向下兼容 11ac/a/b/g/n 客戶端設備
- 支援 WPA3 和 WPA2-AES 認證
- 5 dBi 集成 4x4 天線
- 支援高達 2,400 Mbps 在 5GHz 頻段 & 1,148 Mbps 在 2.4GHz 頻段
- 1x 2.5 GE PoE+ 連接埠提供靈活的電源選項
- 通過 FitController 控制器進行本地和遠端管理，無需費用
- 根據您的管理與佈建需求，選擇 AP、STA 和 Mesh 模式

技術規格

Technical Specifications
Standards
802.11a/b/g/n/ac/ax
Antenna - 2.4GHz
5dBi
Antenna - 5GHz
5dBi
Physical Interfaces
1 x 10/100/1000/2500 BASE-T
DC12V
Reset/Reboot button
LED indicators
1 x Power
1 x LAN
1 x 2.4 GHz
1 x 5 GHz
Power Source
PoE 802.3at
DC12V
Maximum Power Consumption
17W

Wireless & Radio Specifications
Operating Frequency
Dual-Radio Concurrent 2.4 GHz & 5 GHz
Operation Modes
Managed mode: AP, AP Mesh, Mesh
Frequency Radio
2.4 GHz: 2400 MHz ~ 2482 MHz
5 GHz: 5150 MHz ~ 5250 MHz, 5250 MHz ~ 5350 MHz, 5470 MHz ~ 5725 MHz, 5725 MHz ~ 5850 MHz
Transmit Power
Up to 23 dBm on 2.4 GHz
Up to 23 dBm on 5 GHz
(Maximum power is limited by regulatory domain)
Radio Chains
4 x 4:4
SU-MIMO
Four (4) spatial stream Single User (SU) MIMO for up to 1148 Mbps wireless data rate with HE40 bandwidth to a 4x4 wireless client device under the 2.4GHz radio.
Four (4) spatial stream Single User (SU) MIMO for up to 2400 Mbps wireless data rate with HE80 to a 4x4 wireless device under the 5GHz radio.
MU-MIMO
Four (4) spatial streams Multiple (MU)-MIMO up to 2,400 Mbps wireless data rate for transmitting to four (4) streams MU-MIMO 11ax capable wireless client devices under 5GHz simultaneously.
Four (4) spatial streams Multiple (MU)-MIMO up to 1,148 Mbps wireless data rate for transmitting to four (4) streams MU-MIMO 11ax capable wireless client devices under 2.4GHz simultaneously.

Supported Data Rates
802.11ax: 2.4 GHz: 9 to 1,148 (MCS0 to MCS11, NSS = 1 to 4)
5 GHz: 18 to 2,400 (MCS0 to MCS11, NSS = 1 to 4)
802.11b: 1, 2, 5.5, 11
802.11a/g: 6, 9, 12, 18, 36, 48, 54
802.11n: 6.5 to 600 (MCS0 to MCS31)
802.11ac: 6.5 to 1,733 (MCS0 to MCS9, NSS = 1 to 4)
Supported Radio Technology
802.11ax: Orthogonal Frequency Division Multiple Access(OFDMA)
802.11a/g/n/ac: Orthogonal Frequency Division Multiple (OFDM)
802.11b: Direct-sequence spread-spectrum (DSSS)
Channelization
802.11ax supports high efficiency throughput (HE) –HE 20/40/80 MHz
802.11ac supports very high throughput (VHT) –VHT 20/40/80 MHz
802.11n supports high throughput (HT) –HT 20/40 MHz
802.11n supports high throughput under the 2.4GHz radio –HT40 MHz (256-QAM)
802.11n/ac/ax packet aggregation: A-MPDU, A-SPDU
Supported Modulation
802.11ax: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM
802.11ac: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM
802.11a/g/n: BPSK, QPSK, 16-QAM, 64-QAM
802.11b: BPSK, QPSK, CCK
Max Concurrent User
128 per radio

Environmental & Physical
Operating Temperature
32°F~104°F (0 °C~40 °C)
Storage Temperature
-40 °F~176 °F (-40 °C~80 °C)
Storage Humidity
Storage: 90% or less

Dimensions & Weight
Weight
570 g
Dimensions
205 x 205 x 33 mm
Package Contents
1 – EWS276-FIT Indoor Access Point
1 – Ceiling Mount Base (9/16" Trail)
1 – Ceiling Mount Base (15/16" Trail)
1 – Ceiling and Wall Mount Screw Kit
1 – Product Card

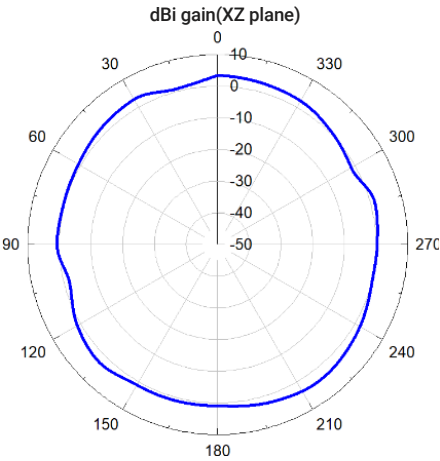
技術規格

Compliance	
Safety Compliance	
CB	
WEEE	
Yes	
RoHS	
Yes	
Regulatory Compliance	
FCC	
CE	
IC	
UKCA	

天線場型圖

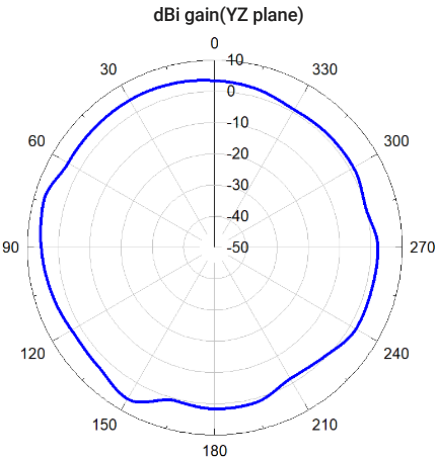
2.4GHz

H-Plane



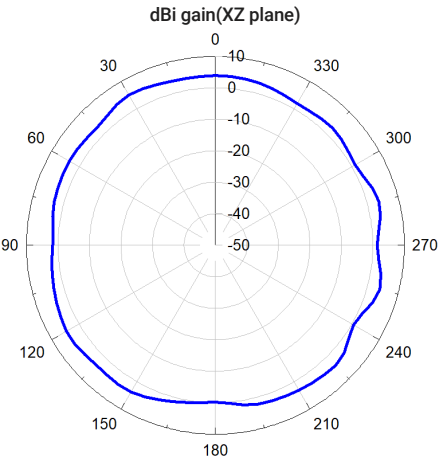
2.4GHz

E-Plane



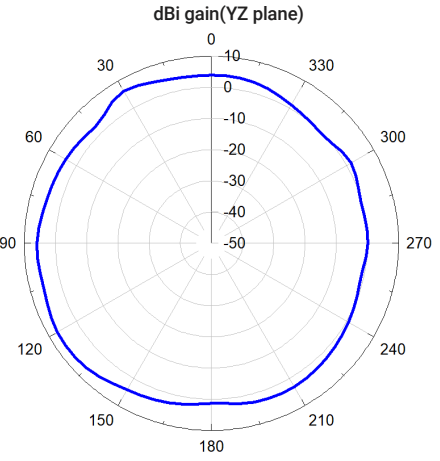
5GHz

H-Plane

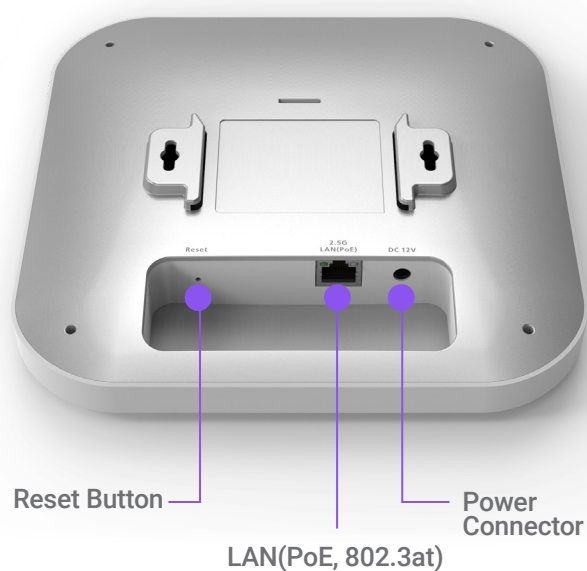


5GHz

E-Plane



產品外觀



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