

G243-48



Outdoor TDD gNB AP

The GXC G243 is an advanced outdoor integrated base station (gNB), delivering 2T2R at 5W per antenna port.

- IP65 outdoor rated
- 3GPP Release 15/16 compliant
- TDD/n48 compatibility
- External antennas/2x2 MIMO
- 1CC up to 40 MHz bandwidth



Technology	
Standard	5G NR TDD (3GPP R15 and R16 compliant)
Duplex Mode	TDD
Frequency Band	n48 (3550MHz to 3700MHz)
Channel Bandwidth	1CC up to 40MHz
Multiplexing	MIMO: 2T2R
Security	Radio: SNOW 3G/AES-128 Backhaul: IPsec (X.509 AES-128, AES-256, SHA-128, SHA-256)

Interfaces	
Interfaces	1 x 1G SFP (Fronthaul) 1 x 1GbE RJ45 (Console)
Power	90VAC to 264VAC, 47Hz to 63Hz
Network Management	HTTP/HTTPs
LED Indicators	PWR/ACT/RUN/ALM
GPS	N-Type connector
Antenna	2T2R N-Type

Link Budget	
Modulation	256QAM (UL/DL)
Max. Transmit Power	5W (37 dBm) per RF antenna port

Compliance	
3GPP	5G NR TDD R15/R16 compliant
RF	FCC Part 15, Class B FCC 47 CFR Part 96
Safety	UL Safety Class 1, Div 2 certified

Physical	
Surge Suppression	Network interface: 1KV Surge Suppression Network interface: 1KV
Lightning Protection	Power Interface: Differential mode: ± 10 KA; Common mode: ± 20 KA
MTBF	≥ 150000 hours
Ingress Protection Rating	IP65
Operating Temperature	-22°F to 131°F / -30°C to 55°C, 2% to 95% RH
Atmospheric Pressure	70 kPa to 106 kPa
Power Consumption	150W maximum
Weight	With bracket: about 16.5lbs / 7.5kg Without bracket: about 15.9lbs / 7.2kg
Dimensions (HxWxD)	13.1 x 9.4 x 4.3 inches/333 X 240 X 109 millimeters
Installation	Wall or Pole mount

Global Part Numbers	
GXC-APICn48-243	G243 Outdoor gNB Radio Unit – n48 5W 2x2 MIMO

*Specifications and ID are subject to change without notice.