

airMAX GigaBeam Long-Range

GBE-LR

Mechanical

Dimensions	415 x 415 x 303 mm (16.34 x 16.34 x 11.93")
Weight	Without mount: 1.4 kg (3.09 lb)With mount: 1.8 kg (3.97 lb)
Enclosure material	Aluminum, UV-stabilized polycarbonate
Wind loading	56 N at 200 km/h (12.6 lbf at 125 mph)
Wind survivability	200 km/h (125 mph)
Mounting	Pole mount (included)

Hardware

Processor	Quad-core ARM® Cortex®- A7
Memory	256 MB DDR3
Networking interface	(1) GbE RJ45 port
RF connections	Internal
Power method	Passive PoE 2-pairs (4, 5+; 7, 8-)
Power supply	24V DC, 0.5A gigabit PoE adapter (Included)
Voltage range	22—27V DC
Max. power consumption	11W
ESD/EMP protection	Air/contact: ± 24kV
Ambient operating temperature	-40 to 60° C (-40 to 140° F)
Ambient operating humidity	5 to 95% noncondensing
Certifications	FCC, IC, CE

Software

Operating mode	PtP
Ubiquiti specific features	Integrated 60 GHz and 5 GHz radios, discovery protocol
Security	WPA2 AES only
Services	UISP, ping watchdog, web server, SSH server, NTP client, system log, device discovery
Tools	Antenna alignment tool, discovery utility, traceroute, speed test
Management interface	UISP application (web/mobile)
Minimum software requirements	Any modern web browser/iOS™ or Android™ based smartphone

RF

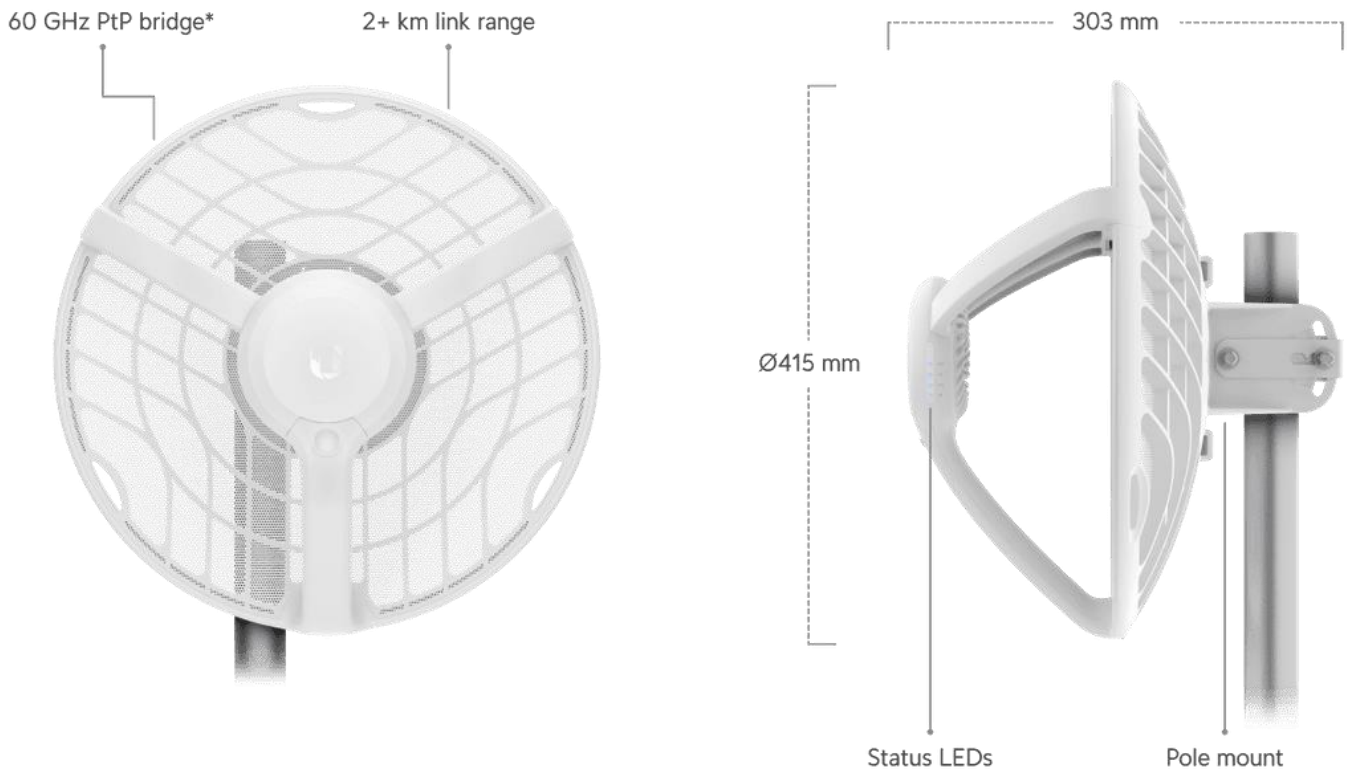
Max. conducted TX power5/60 GHz combined	25 dBm
Channel bandwidth60 Ghz5 Ghz	2160 Mhz20/40/80 Mhz
Management radioUS/CAWorldwide	2412 - 2462 MHz2412 - 2472 MHz
Antenna gain60 Ghz5 Ghz	38 dBi11 dBi

Operating Frequency (Mhz)

US/CAU-NII-1U-NII-2AU-NII-2CU-NII-3	5150 - 52505250 - 53505470 - 57255725 - 585057,000 – 66,000
Worldwide	5180 – 587557,000 - 66,000

LEDs

Power	Flashing white: bootup in progressWhite: system ready, Ubiquiti Internet Service Provider (UISP) not configured, not connectedFlashing blue: system ready, UISP configured, but cannot connectBlue: system ready, UISP configured and connected
Ethernet	Flashing blue: Ethernet traffic detected
5G	Blue: active connection
60G	Blue: active connection



*GigaBeam is normally purchased in pairs to form a single link.

**24V DC, 0.5A GbE PoE adapter included.