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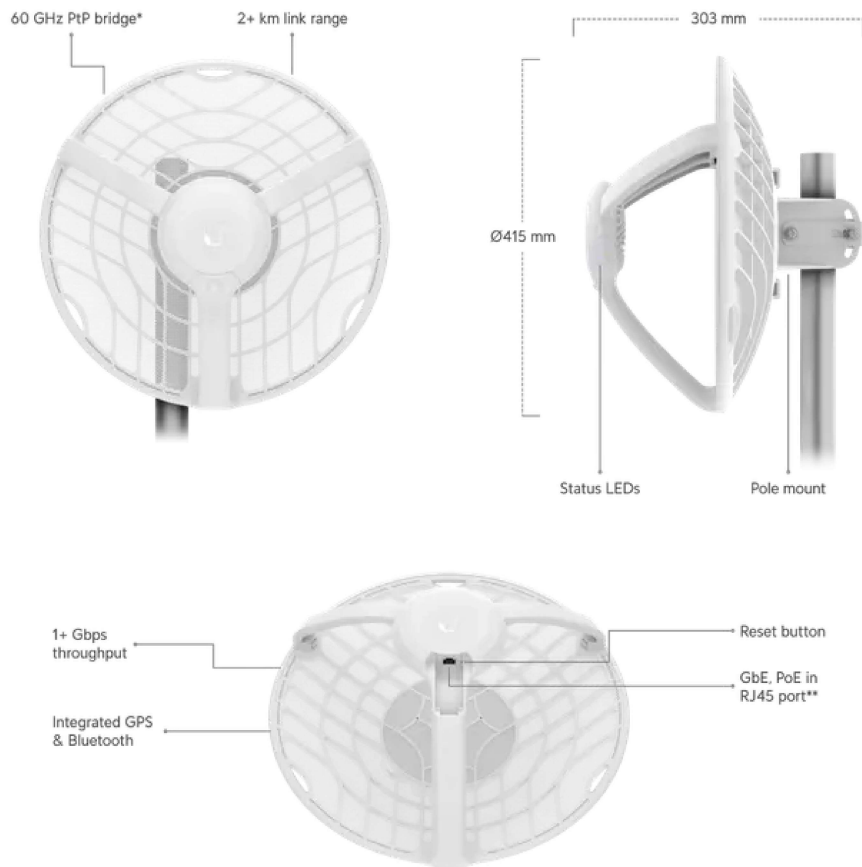
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## airMAX GigaBeam Long-Range

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[Datasheet](#)

[Marketing Images](#)



\*GigaBeam is normally purchased in pairs to form a single link.  
 \*\*24V DC, 0.5A GbE PoE adapter included.

## Mechanical

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

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## Hardware

<b>Processor</b>	Quad-core ARM® Cortex®- A7
<b>Memory</b>	256 MB DDR3
<b>Networking interface</b>	(1) 10/100/1000 MbE RJ45 port
<b>RF connections</b>	Internal
<b>Power method</b>	Passive PoE (pairs 4, 5+; 7, 8-)
<b>Power supply</b>	24V DC, 0.5A Gigabit PoE adapter (Included)
<b>Voltage range</b>	22—26V DC
<b>Max. power consumption</b>	11W
<b>ESD/EMP protection</b>	Air/contact: ± 24kV
<b>Operating temperature</b>	-40 to 60° C (-40 to 140° F)
<b>Operating humidity</b>	5 to 95% noncondensing
<b>Certifications</b>	FCC, IC, CE

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## Software

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

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## RF

<b>Max. conducted TX power 5/60 GHz combined</b>	25 dBm
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<b>Channel bandwidth</b>	
60 Ghz	2160 Mhz
5 Ghz	20/40/80 Mhz
<b>Management radio</b>	
US/CA	2412 - 2462 MHz
Worldwide	2412 - 2472 MHz
<b>Antenna gain</b>	
60 Ghz	38 dBi
5 Ghz	11 dBi

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## Operating Frequency (Mhz)

<b>US/CA</b>	
U-NII-1	5150 - 5250
U-NII-2A	5250 - 5350
U-NII-2C	5470 - 5725
U-NII-3	5725 - 5850
	57,000 - 66,000
<b>Worldwide</b>	
	5180 - 5875
	57,000 - 66,000

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## LEDs

<b>Power</b>	Flashing white: bootup in progress White: system ready, Ubiquiti Internet Service Provider (UISP) not configured, not connected Flashing blue: system ready, UISP configured, but cannot connect Blue: system ready, UISP configured and connected
<b>Ethernet</b>	Flashing blue: Ethernet traffic detected
<b>5G</b>	Blue: active connection
<b>60G</b>	Blue: active connection



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