

Gogo 5G

A new era of connectivity performance, dedicated to aviation

5G is the mobile broadband experience of the future and Gogo 5GSM is bringing that experience to the sky. Gogo 5G is a complete 5G network dedicated exclusively to business aviation and it will give you more of everything you love about inflight connectivity: more speed, more capacity, more devices, more bandwidth, and more live experiences. With Gogo 5G, you will be able to stay ahead of the staggering growth in data demands, easily serve an entire fleet of smartphones and computers in the cabin and the cockpit, and you'll be ready for the next wave of applications, services and live online interactions that will be built for 5G performance.

How do you get Gogo 5G connectivity on your aircraft? It's all made possible by the Gogo AVANCE platform. To get the full Gogo 5G experience, either install an AVANCE LX5 line replaceable unit (LRU) or an AVANCE L5 LRU enhanced with a Gogo X3, and belly mount two sophisticated MB13 antennas. You'll then be ready for exceptional inflight Wi-Fi that serves today's executive demands, as well as tomorrow's.



FEATURES

Incredibly fast Gogo 5G inflight internet – supports streaming

- Peak speeds of 75-80 Mbps
- Streaming video and audio, VPN support, web browsing, email with large attachments and more
- Gogo 5G network will provide 100% coverage in the contiguous U.S. and parts of Canada

Smart router for an integrated, automated cabin experience

- Advanced 802.11ac dual-band router (5GHz & 2.4GHz) maximizes bandwidth and optimizes in-cabin Wi-Fi performance
- Dynamic, multi-bearer data and voice management

Terrestrial modem

- Complementary ground connectivity in 200+ countries

Gogo Vision inflight maps, entertainment and information

- Gogo 3D moving map
- Destination weather
- Unlimited licensed movies and TV (subscription required)
- eMagazines (subscription required)
- News clips (subscription required)
- Multi-language audio tracks
- Automatic content updates

Gogo Skyline for in-cabin communications (voice plan required)

- Reliably make calls using your own phone and contacts in the air, and via any Gogo network
- Serves as a handset for Iridium satellite calls, Gogo Voice over ATG calls, or calls within the cabin

A true 5G network - Adherence to 3GPP standards

- 5G chipset in its modem design
- 5G standalone network core
- Beamforming antennas
- Massive MIMO (Multiple Input, Multiple Output) is one of the main enabling technologies in 5G wireless communications
- Network architecture based on Network Function Virtualization (NFV) and Software Defined Networking (SDN)



Proprietary multi-band, beamforming, phased-array antennas

- Gogo's multi-band (MB13) antennas enable licensed and unlicensed spectrum connectivity in the sky and terrestrial modem connectivity on the ground.
- Beamforming MB13 antennas create a more direct signal that boosts performance and delivers a better-quality connection with less interference.

Award-winning service and support

- Use AVANCE over-the-air (OTA) functionality to remotely update your AVANCE system software, manage your MIX configuration, monitor the health of your LRU, and update your IFE content
- Gogo DASH tools provide visibility into the health of Gogo systems and control to customize your connectivity experience
- 24/7/365 monitoring, global support, and remote service activations

SPECIFICATIONS

HARDWARE	DESCRIPTION	QUANTITY REQUIRED	DIMENSIONS	WEIGHT	ELECTRICAL CHARACTERISTICS
AVANCE LX5	AVANCE platform LRU	1	LRU only: 6.34" W x 7.64" H x 13.24" D LRU + mounting tray: 6.55" W x 9.99" H x 16.62" D	LRU only: 15.5 LBS LRU + mounting tray (fan): 19.7 LBS	Voltage Range: 20.5 TO 32.2 VDC Maximum Power: 303 watts @ 28V input with heaters on
AVANCE L5	AVANCE platform LRU	1	LRU only: 6.34" W x 7.64" H x 13.24" D LRU + mounting tray: 6.55" W x 9.99" H x 16.62" D	LRU only: 18.0 LBS LRU + mounting tray (fan): 22.2 LBS	Voltage Range: 20.5VDC to 32.2VDC Maximum Power: 192W at 20.5V input with heaters on. Maximum Power: 230W at 28.0V input with heaters on
Gogo X3	Gogo 5G LRU	1	LRU only: 3.97" W x 7.64" H x 13.27" D LRU + mounting tray: 4.18" W x 9.99" H x 16.62" D	LRU only: 6.5 LBS LRU + mounting tray (fan): 9.5 LBS	Voltage Range: 20.5VDC to 32.2VDC Maximum Power: 120W at 20.5V input with heaters on. Maximum Power: 108W at 28.0V input with heaters on
MB13	Multiband Phased Array Antenna	2	4.52" W x 15.07" L x 7.79" H	6.0 LBS	Conditioned power provided by X3 LRU, Thermal design power is 25W RMS Peak per Antenna

PRICING

Gogo 5G Data Plans

PLAN	DATA INCLUDED	MONTHLY FEE	OVERAGE	STREAMING
Gogo 5G Pro	Unlimited	\$5,195	No overages	No streaming
Gogo 5G 35000	35 GB	\$7,295	\$0.50/MB	Enabled
Gogo 5G Limitless	Unlimited	\$10,395	No overages	Enabled

Gogo Voice/Gogo Skyline Plans*

PLAN	MIN/MONTH	MONTHLY FEE	Fee/Additional Min
Silver Voice	60	\$145	\$1.60
Gold Voice	120	\$255	\$1.50
Platinum Voice	360	\$575	\$1.40
Corporate Voice	1,000	\$1,055	\$1.30

*Requires an active data plan

Gogo Vision - Pricing

	Gogo Vision Standard	Gogo Vision+	Gogo Vision 360
Price	Complimentary with all AVANCE systems	\$525/month \$12,732 one-time fee**	\$895/month
3D Moving Map	Base	Premium	Premium
Destination Weather	✓	✓	✓
News Clips		✓	✓
eMagazines		✓	✓
Cloudport		✓	✓
AVANCE OTA content and software updates		✓	✓
Unlimited Movies			✓
Unlimited TV			✓
International Languages			✓

**Available from authorized Gogo OEM/Dealer representative

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