

Hughes JUPITER™ 3 Next Generation Ultra High Density Satellite

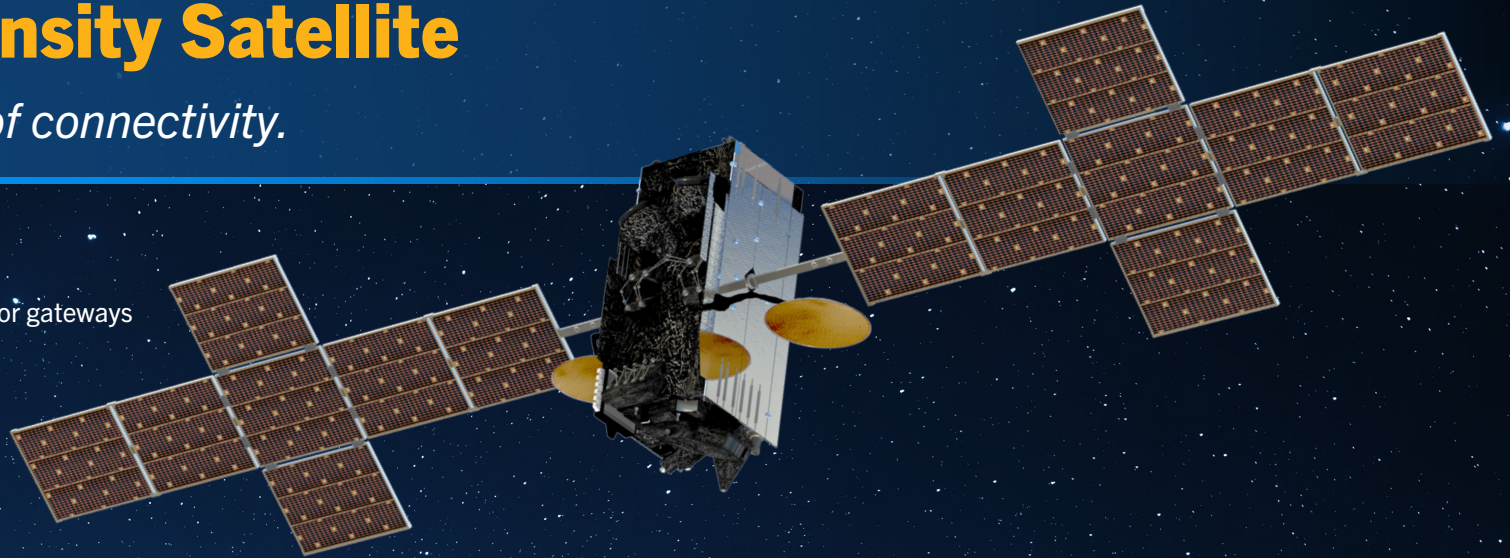
Launching a new era of connectivity.

JUPITER 3 Quick Facts

- » **Spectrum:** Ka-band, Q- and V-band for gateways
- » **Coverage:** North & South America
- » **Speed:** Up to 100 Mbps
- » **Capacity:** More than 500 Gbps
- » **Stowed Size:** 26 feet long
- » **Deployed Size:** Solar arrays span 127 feet
- » **Solar Arrays:** 14 total
- » **Position:** 95° West longitude
- » **Distance:** 22,300 miles above the equator
- » **Manufacturer:** Maxar
- » **Launcher:** SpaceX
- » **Service sectors:** Consumer, small business, enterprise, government, service providers and aeronautical and maritime mobility
- » **Spot beams:** 300. Each beam carries 500 MHz or more, providing more than 1 Gbps to the VSAT users in each cell allowing faster service plans of up to 100 Mbps.

JUPITER 3 Gateways

- » **Active Gateways:** 18
- » **Diverse Gateways for Service Continuity:** 2
- » Each gateway transmits 11 GHz of V-band and Ka band and receives 4 GHz in Q-band.

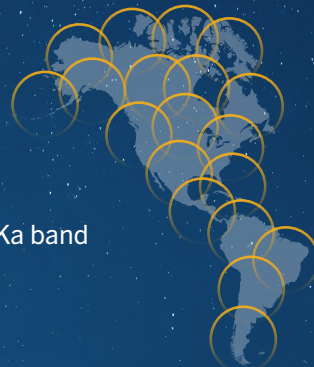


JUPITER Fleet

- » **JUPITER fleet total capacity:** More than 1 Tbps
- » **JUPITER 1 (EchoStar XVII):** Launched July 2012 with 120 Gbps capacity
- » **JUPITER 2 (EchoStar XIX):** Launched December 2016 with 200 Gbps capacity
- » **JUPITER 3 (EchoStar XXIV):** Launching 2023 with more than 500 Gbps capacity

Follow along with us on the journey to JUPITER 3.

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