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 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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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.

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