# HP 5G Sub-6 Cat 19 WWAN

## Go Anywhere, Connect Almost Everywhere

You need the internet...now, here, there, and everywhere. Stay connected swiftly and securely over 5G networks at gigabit speed with optimized power consumption.[1] The HP 5G Sub-6 Cat 19 WWAN delivers dedicated broadband to select HP Business Notebooks. Now the world is truly within reach.



*Product image may differ from actual product

### Connectivity and Global Flexibility

Travel the world without falling off the radar with dedicated cellular broadband. Enjoy constant connectivity across secure 5G[1] networks that can reach speeds up to 70x faster than 4G. No more hunting down passwords or slogging through sketchy public Wi-Fi®.

### Connected, Concealed

No external USB WWAN dongle to keep track of. Integrate your internet seamlessly into your machine for piece of mind and reliability. Just grab your computer and go.

### Flexible Connection

Purchase data plans without a physical SIM card.[2] Switch between multiple providers with local plans while traveling, or set up separate data plans for work and personal use.

## Sustainability in action

### Build for a better tomorrow

Innovating with purpose and intention to drive impactful, positive, lasting change.

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## Featuring

### Optimized Power
Built on 14nm process for maximum power consumption optimization. Blazing fast connection without compromise.

### Download, Upload, On the Road
So blazing fast, you may think you're connected to ethernet. 5G is about 70 times faster than the existing 4G networks many of us use now.[1]

### HP-Tested with a limited 3 Year Warranty
This modem was tested and certified up to the world-class HP standard of excellence. And it includes a limited 3 year warranty, just in case.

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## Specifications

| | |
|---|---|
| Product number | AM5R4AA |
| Supported platforms | HP EliteBook 830 13 inch G11 Notebook PC; HP Elite x360 830 13 inch G11 2-in-1 Notebook PC; HP EliteBook 840 14 inch G11 Notebook PC; HP EliteBook 860 16 inch G11 Notebook PC; HP EliteBook 835 13 inch G11 Notebook PC; HP EliteBook 845 14 inch G11 Notebook PC; HP EliteBook 865 16 inch G11 Notebook PC; HP EliteBook 1040 14 inch G11 Notebook PC; HP Elite x360 1040 14 inch G11 2-in-1 Notebook PC; HP ZBook Fury G11 Mobile Workstation PC; HP ZBook Firefly 14 inch G11 Mobile Workstation PC; HP ZBook Firefly 16 inch G11 Mobile Workstation PC; HP ZBook Firefly 14 inch G11 A Mobile Workstation PC |
| UPC number | 198701332909 |
| JAN code | 4582712513956 |
| Supported operating systems | Windows 10; Windows 11[3] |
| Wireless Technology | 5G NR sub-6 GHz; 4G FDD LTE; 4G TDD LTE; UMTS/HSPA+ |
| Modulation type | 5G Sub-6: 3GPP Release 15 200 MHz 2 DLCA, 256 QAM, 200 MHz 2 ULCA, 256 QAM; LTE Modulation: 3GPP Release 15, 100 MHz 5 DLCA, 256 QAM, 40 MHz 2 ULCA, 256 QAM; UMTS Modulation: 3GPP Release 8 |
| Global navigation satellite system | GPS; GLONASS; Galileo; BDS; QZSS |
| Warranty | HP three-year limited warranty |
| What's in the box | Quick setup poster; Warranty card, Product notices; Mailer; Plastic inner tube; Plastic outer tube; Screw; Paper bag; Spacer |
| Dimensions (W x D x H) | 52 x 30 x 2.3 mm |
| Weight | 7 g |
| Package dimensions (W x D x H) | 232 x 148 x 10 mm |
| Package weight | 59 g |
| Master carton quantity | 18 |
| Master carton dimensions (W x D x H) | 29.6 x 19.7 x 25.1 cm |
| Master carton weight | 1.4 kg |
| Carton per layer | 20 |
| Pallet (layers) | 5 |
| Carton per pallet | 100 |
| Products per layer | 360 |
| Products per pallet | 1800 |
| Pallet weight | 139.8 kg |
| Sustainable impact specifications | 30% post-consumer recycled plastic; Packaging is recyclable [1,2] |
| Operating temperature range | -20 to 65°C; 14 to 131°F |
| Storage temperature range (Celsius) | -40°C to 85°C |
| Storage temperature range (Fahrenheit) | -40°F to 185°F |

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## Footnotes

### Messaging Footnotes

[1] 5G Sub-6 NSA module designed for up to 3.74 Gbps download speeds as carriers deploy 2 carrier aggregation and 200Mhz channel bandwidth, requires activation and separately purchased service contract. Backwards compatible to 4G LTE for up to 1.6 Gbps download speed and HSPA 3G technologies. Check with service provider for coverage and availability in your area. Connection, upload and download speeds will vary due to network, location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions.
[2] For information on connecting to a mobile network using an eSIM (Windows 11, 10), please see HP support page: https://support.hp.com/si-en/document/ish_9233090-9233148-16

### Technical Specifications Footnotes

[1] Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in the EPEAT® standard for computers, IEEE 1680.1-2018 standard.
[2] Please verify with your local recycling provider, as recycling capabilities and accepted materials may vary by location.
[3] Supports Windows 10, Windows 11.