



Germany – Device Growth Traffic Profiles

2021 Forecast

- In Germany, there will be 74 million total Internet users (93% of population) in 2021, up from 67 million (83% of population) in 2016.
- In Germany, there will be 760.1 million networked devices in 2021, up from 449.3 million in 2016.
- In Germany, there will be 9.5 networked devices per capita in 2021, up from 5.6 per capita in 2016.
- In Germany, 30% of all networked devices will be mobile-connected in 2021.
- In Germany, M2M modules will account for 61% (466.9 million) of all networked devices in 2021, compared to 43% (193.2 million) in 2016, (19.3% CAGR).
- In Germany, PCs will account for 6% (47.5 million) of all networked devices in 2021, compared to 11% (48.6 million) in 2016, (-0.5% CAGR).
- In Germany, Tablets will account for 3% (23.9 million) of all networked devices in 2021, compared to 5% (21.2 million) in 2016, (2.5% CAGR).
- In Germany, Smartphones will account for 12% (93.2 million) of all networked devices in 2021, compared to 17% (74.7 million) in 2016, (4.5% CAGR).
- In Germany, Connected TVs will account for 13% (101.5 million) of all networked devices in 2021, compared to 17% (74.7 million) in 2016, (6.3% CAGR).
- In Germany, M2M modules will average 1.323 GB per month, up from 0.455 GB in 2016.
- In Germany, Smartphones will average 10.7 GB per month, up from 2.3 GB in 2016.
- In Germany, Tablets will average 22.3 GB per month, up from 6.1 GB in 2016.
- In Germany, PCs will average 26.5 GB per month, up from 18.4 GB in 2016.
- In Germany, Connected 4K TVs will average 6.4 GB per month, up from 0.4 GB in 2016.

- In Germany, Non-Smartphones will account for 0.4% (3.3 million) of all networked devices in 2021, compared to 5% (23.1 million) in 2016, (-32.1% CAGR).
- In Germany, Other Portables will account for 3% (23.7 million) of all networked devices in 2021, compared to 3% (13.7 million) in 2016, (11.5% CAGR).
- In Germany, 4K TVs will account for 55% (25.3 million) of all flat panel TVs in 2021, compared to 10.7% (3.2 million) in 2016, (51.5% CAGR).

2016 Review

- In Germany, there were 449.3 million networked devices in 2016, up from 409.8 million in 2015.
- In Germany, there were 5.6 networked devices per capita in 2016, up from 5.1 per capita in 2015.

Device Diversity

- Germany's IP traffic from non-PC devices was 58% of total IP traffic in 2016, and will be 79% of total IP traffic in 2021.
- Germany's Internet traffic from non-PC devices was 51% of total Internet traffic in 2016, and will be 78% of total Internet traffic in 2021.
- In Germany, PCs accounted for 42% of IP traffic in 2016, and will be 21% of IP traffic in 2021.
- In Germany, TVs accounted for 39% of IP traffic in 2016, and will be 43% of IP traffic in 2021.
- In Germany, Smartphones accounted for 8% of IP traffic in 2016, and will be 17% of IP traffic in 2021.
- In Germany, Tablets accounted for 6% of IP traffic in 2016, and will be 9% of IP traffic in 2021.
- In Germany, M2M modules accounted for 4.2% of IP traffic in 2016, and will be 10.4% of IP traffic in 2021.
- In Germany, PCs accounted for 43% of consumer Internet traffic in 2016, and will be 19% of consumer Internet traffic in 2021.
- In Germany, TVs accounted for 33% of consumer Internet traffic in 2016, and will be 43% of consumer Internet traffic in 2021.
- In Germany, TVs accounted for 27% of total Internet traffic in 2016, and will be 37% of total Internet traffic in 2021.

Average Traffic per Mobile Device

- In Germany, the average smartphone will generate 3,259 Megabytes of mobile data traffic per month in 2021, up from 872 Megabytes per month in 2016.
- In Germany, the average mobile-connected laptop will generate 2,522 Megabytes of mobile data traffic per month in 2021, up from 1,330 Megabytes per month in 2016.
- In Germany, the average mobile-connected tablet will generate 3,609 Megabytes of mobile data traffic per month in 2021, up from 1,293 Megabytes per month in 2016.