



## Asia Pacific – Device Growth Traffic Profiles

### 2021 Forecast

- In Asia Pacific, there will be 2.6 billion total Internet users (62% of population) in 2021, up from 1.7 billion (41% of population) in 2016.
- In Asia Pacific, there will be 12.2 billion networked devices in 2021, up from 7.9 billion in 2016.
- In Asia Pacific, there will be 2.9 networked devices per capita in 2021, up from 1.9 per capita in 2016.
- In Asia Pacific, 47% of all networked devices will be mobile-connected in 2021.
- In Asia Pacific, M2M modules will account for 47% (5.8 billion) of all networked devices in 2021, compared to 32% (2.5 billion) in 2016, (18.1% CAGR).
- In Asia Pacific, PCs will account for 4% (489.0 million) of all networked devices in 2021, compared to 7% (534.9 million) in 2016, (-1.8% CAGR).
- In Asia Pacific, Tablets will account for 2% (298.9 million) of all networked devices in 2021, compared to 3% (206.6 million) in 2016, (7.7% CAGR).
- In Asia Pacific, Smartphones will account for 26% (3.1 billion) of all networked devices in 2021, compared to 25% (2.0 billion) in 2016, (9.8% CAGR).
- In Asia Pacific, Connected TVs will account for 12% (1.5 billion) of all networked devices in 2021, compared to 11% (867.1 million) in 2016, (10.9% CAGR).
- In Asia Pacific, M2M modules will average 0.894 GB per month, up from 0.264 GB in 2016.
- In Asia Pacific, Smartphones will average 14.3 GB per month, up from 3.0 GB in 2016.
- In Asia Pacific, Tablets will average 23.3 GB per month, up from 8.8 GB in 2016.
- In Asia Pacific, PCs will average 49.8 GB per month, up from 29.3 GB in 2016.
- In Asia Pacific, Connected 4K TVs will average 13.1 GB per month, up from 2.1 GB in 2016.

- In Asia Pacific, Non-Smartphones will account for 7.6% (931.6 million) of all networked devices in 2021, compared to 22% (1.7 billion) in 2016, (-11.4% CAGR).
- In Asia Pacific, Other Portables will account for 1% (129.8 million) of all networked devices in 2021, compared to 1% (71.5 million) in 2016, (12.7% CAGR).
- In Asia Pacific, 4K TVs will account for 56% (303.2 million) of all flat panel TVs in 2021, compared to 16.4% (43.1 million) in 2016, (47.7% CAGR).

## 2016 Review

- In Asia Pacific, there were 7.9 billion networked devices in 2016, up from 7.2 billion in 2015.
- In Asia Pacific, there were 1.9 networked devices per capita in 2016, up from 1.8 per capita in 2015.

## Device Diversity

- Asia Pacific's IP traffic from non-PC devices was 53% of total IP traffic in 2016, and will be 77% of total IP traffic in 2021.
- Asia Pacific's Internet traffic from non-PC devices was 43% of total Internet traffic in 2016, and will be 75% of total Internet traffic in 2021.
- In Asia Pacific, PCs accounted for 47% of IP traffic in 2016, and will be 23% of IP traffic in 2021.
- In Asia Pacific, TVs accounted for 28% of IP traffic in 2016, and will be 24% of IP traffic in 2021.
- In Asia Pacific, Smartphones accounted for 17% of IP traffic in 2016, and will be 42% of IP traffic in 2021.
- In Asia Pacific, Tablets accounted for 5% of IP traffic in 2016, and will be 6% of IP traffic in 2021.
- In Asia Pacific, M2M modules accounted for 2.0% of IP traffic in 2016, and will be 4.8% of IP traffic in 2021.
- In Asia Pacific, PCs accounted for 53% of consumer Internet traffic in 2016, and will be 21% of consumer Internet traffic in 2021.
- In Asia Pacific, TVs accounted for 12% of consumer Internet traffic in 2016, and will be 14% of consumer Internet traffic in 2021.
- In Asia Pacific, TVs accounted for 10% of total Internet traffic in 2016, and will be 12% of total Internet traffic in 2021.

## Average Traffic per Mobile Device

- In Asia Pacific, the average smartphone will generate 6,412 Megabytes of mobile data traffic per month in 2021, up from 1361 Megabytes per month in 2016.
- In Asia Pacific, the average mobile-connected laptop will generate 8,451 Megabytes of mobile data traffic per month in 2021, up from 3,984 Megabytes per month in 2016.
- In Asia Pacific, the average mobile-connected tablet will generate 7,862 Megabytes of mobile data traffic per month in 2021, up from 3,191 Megabytes per month in 2016.