



## Indonesia - Device Growth Traffic Profiles

### 2021 Forecast

- In Indonesia, there will be 182 million total Internet users (66% of population) in 2021, up from 85 million (33% of population) in 2016.
- In Indonesia, there will be 594.0 million networked devices in 2021, up from 423.0 million in 2016.
- In Indonesia, there will be 2.2 networked devices per capita in 2021, up from 1.6 per capita in 2016.
- In Indonesia, 73% of all networked devices will be mobile-connected in 2021.
- In Indonesia, M2M modules will account for 18% (109.3 million) of all networked devices in 2021, compared to 9% (39.7 million) in 2016, (22.5% CAGR).
- In Indonesia, PCs will account for 4% (21.8 million) of all networked devices in 2021, compared to 5% (20.5 million) in 2016, (1.2% CAGR).
- In Indonesia, Tablets will account for 5% (27.9 million) of all networked devices in 2021, compared to 2% (9.9 million) in 2016, (23% CAGR).
- In Indonesia, Smartphones will account for 49% (291.5 million) of all networked devices in 2021, compared to 39% (163.4 million) in 2016, (12.3% CAGR).
- In Indonesia, Connected TVs will account for 7% (39.8 million) of all networked devices in 2021, compared to 2% (10.1 million) in 2016, (31.7% CAGR).
- In Indonesia, M2M modules will average 0.729 GB per month, up from 0.217 GB in 2016.
- In Indonesia, Smartphones will average 6.2 GB per month, up from 1.4 GB in 2016.
- In Indonesia, Tablets will average 10.3 GB per month, up from 2.9 GB in 2016.
- In Indonesia, PCs will average 30.2 GB per month, up from 16.7 GB in 2016.

- In Indonesia, Connected 4K TVs will average 0.3 GB per month, up from 0.0 GB in 2016.
- In Indonesia, Non-Smartphones will account for 16.2% (96.1 million) of all networked devices in 2021, compared to 42% (177.9 million) in 2016, (-11.6% CAGR).
- In Indonesia, Other Portables will account for 1% (7.5 million) of all networked devices in 2021, compared to % (1.5 million) in 2016, (38% CAGR).
- In Indonesia, 4K TVs will account for 32% (9.0 million) of all flat panel TVs in 2021, compared to 10.0% (567,490) in 2016, (73.8% CAGR).

## 2016 Review

- In Indonesia, there were 1.6 networked devices per capita in 2016, up from 1.5 per capita in 2015.

## Device Diversity

- Indonesia's IP traffic from non-PC devices was 47% of total IP traffic in 2016, and will be 79% of total IP traffic in 2021.
- Indonesia's Internet traffic from non-PC devices was 47% of total Internet traffic in 2016, and will be 79% of total Internet traffic in 2021.
- In Indonesia, PCs accounted for 53% of IP traffic in 2016, and will be 21% of IP traffic in 2021.
- In Indonesia, TVs accounted for 5% of IP traffic in 2016, and will be 8% of IP traffic in 2021.
- In Indonesia, Smartphones accounted for 36% of IP traffic in 2016, and will be 58% of IP traffic in 2021.
- In Indonesia, Tablets accounted for 4% of IP traffic in 2016, and will be 9% of IP traffic in 2021.
- In Indonesia, M2M modules accounted for 1.3% of IP traffic in 2016, and will be 2.6% of IP traffic in 2021.
- In Indonesia, PCs accounted for 50% of consumer Internet traffic in 2016, and will be 20% of consumer Internet traffic in 2021.
- In Indonesia, TVs accounted for 4% of consumer Internet traffic in 2016, and will be 6% of consumer Internet traffic in 2021.
- In Indonesia, TVs accounted for 3% of total Internet traffic in 2016, and will be 6% of total Internet traffic in 2021.

## Average Traffic per Mobile Device

- In Indonesia, the average smartphone will generate 4,668 Megabytes of mobile data traffic per month in 2021, up from 1018 Megabytes per month in 2016.
- In Indonesia, the average mobile-connected laptop will generate 5,175 Megabytes of mobile data traffic per month in 2021, up from 2,006 Megabytes per month in 2016.
- In Indonesia, the average mobile-connected tablet will generate 6,981 Megabytes of mobile data traffic per month in 2021, up from 1,942 Megabytes per month in 2016.