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| **SAMSUNG GALAXY A20** | **SAMSUNG GALAXY M20** |
| Galaxy A20 carries the Infinity-V design with a 6.4-inch Super AMOLED screen (720 x 1,560 pixels, 19.5: 9 ratio) and has bangs. | Samsung Galaxy M20 also carries the Infinity-V design but smaller, 6.3 inches. Samsung Galaxy M20 resolution 2,340 x 1,080 pixels (aspect ratio 19.5: 9) with "little bangs" on it |
| Screen Resolution HD + (1520 x 720 pixels) | Screen Resolution Full HD + (2340 x 1080 pixels) |
| Samsung Galaxy A20 is driven by an Exynos 7884 octa-core chip with a speed of 1.6 GHz. | Galaxy M20 is driven by an Exynos 7904 octa-core chip at 1.8 GHz. |
| Galaxy A20 is priced at Rp 2,299,000. | Galaxy M20 is priced at Rp 2,799,000. |
| Samsung Galaxy A20 is equipped with a 4,000 mAh battery capacity | Samsung Galaxy A20 is equipped with a 5,000 mAh battery capacity |
| Finally on the operating system, the Galaxy A20 is running the Android 9.0 (Pie) system. | The new Galaxy M20 runs the Android 8.1 system (Oreo) |
| Samsung Galaxy A20 has 3GB of RAM and 32GB of storage. But if it's still lacking, it can be added with microSD up to 512 GB. | Samsung Galaxy M20 has 3GB of RAM and 32GB of storage. But if it's still lacking, it can be added with microSD up to 512 GB. |
| The rear camera on the Samsung Galaxy A20 each has 13 megapixel resolution (f / 1.9), and 5 megapixel (f / 2.2). While the selfie camera has a resolution of 8 megapixels (f / 2.0). | Samsung Galaxy M20 also has a 13 MP resolution with an f / 1.9 aperture lens and a 5 MP camera. Samsung Galaxy M20 selfie camera also has an 8 megapixel resolution (f / 2.0). |
| Dimensions and Weight 158.4 x 74.7 x 7.8 mm, | Dimensions and Weight 169 g 156.4 x 74.5 x 8.8 mm, 186 g |
| Screen Type Super AMOLED capacitive touchscreen, 16M colors | Screen Type PLS TFT capacitive touchscreen, 16M colors. It gives you good picture quality and higher resolution compared to previous generation LCD screens. |

**COMPARASION**

1. Samsung Galaxy M20 screen size is smaller than Samsung Galaxy A20
2. Samsung M20 processor speed is faster than Samsung A20
3. Samsung M20 battery capacity is greater than Samsung A20
4. Samsung Galaxy A20 operating system is more recent than Samsung M20
5. The price of the Samsung Galaxy M20 is more expensive than Samsung Galaxy A20
6. Samsung Galaxy M20 screen resolution is better than Samsung Galaxy A20
7. The storage of Samsung Galaxy M20 and Samsung Galaxy A20 has the same capacity
8. The camera of Samsung Galaxy M20 and Samsung Galaxy A20 has the same resolution
9. Samsung Galaxy A20 dimensions and weight is greater than Samsung Galaxy M20
10. Samsung Galaxy M20 screen type is better than Samsung Galaxy A20