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| **NETWORK** | [**Technology**](https://www.gsmarena.com/network-bands.php3) | [GSM / HSPA / LTE](https://www.gsmarena.com/samsung_galaxy_m31-10079.php) |
| [**2G bands**](https://www.gsmarena.com/network-bands.php3) | GSM 850 / 900 / 1800 / 1900 - SIM 1 & SIM 2 |
| [**3G bands**](https://www.gsmarena.com/network-bands.php3) | HSDPA 850 / 900 / 1700(AWS) / 1900 / 2100 |
| [**4G bands**](https://www.gsmarena.com/network-bands.php3) | 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 20, 26, 28, 38, 40, 41, 66 |
| [**Speed**](https://www.gsmarena.com/glossary.php3?term=3g) | HSPA 42.2/5.76 Mbps, LTE-A |

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| **LAUNCH** | [**Announced**](https://www.gsmarena.com/glossary.php3?term=phone-life-cycle) | 2020, February 25 |
| [**Status**](https://www.gsmarena.com/glossary.php3?term=phone-life-cycle) | Available. Released 2020, March 05 |

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| **BODY** | [**Dimensions**](https://www.gsmarena.com/samsung_galaxy_m31-10079.php) | 159.2 x 75.1 x 8.9 mm (6.27 x 2.96 x 0.35 in) |
| [**Weight**](https://www.gsmarena.com/samsung_galaxy_m31-10079.php) | 191 g (6.74 oz) |
| [**Build**](https://www.gsmarena.com/glossary.php3?term=build) | Glass front (Gorilla Glass 3), plastic back, plastic frame |
| [**SIM**](https://www.gsmarena.com/glossary.php3?term=sim) | Dual SIM (Nano-SIM, dual stand-by) |

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| **DISPLAY** | [**Type**](https://www.gsmarena.com/glossary.php3?term=display-type) | Super AMOLED capacitive touchscreen, 16M colors |
| [**Size**](https://www.gsmarena.com/samsung_galaxy_m31-10079.php) | 6.4 inches, 100.5 cm2 (~84.1% screen-to-body ratio) |
| [**Resolution**](https://www.gsmarena.com/glossary.php3?term=resolution) | 1080 x 2340 pixels, 19.5:9 ratio (~403 ppi density) |
| [**Protection**](https://www.gsmarena.com/glossary.php3?term=screen-protection) | Corning Gorilla Glass 3 |

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| **PLATFORM** | [**OS**](https://www.gsmarena.com/glossary.php3?term=os) | Android 10, One UI 2.0 |
| [**Chipset**](https://www.gsmarena.com/glossary.php3?term=chipset) | Exynos 9611 (10nm) |
| [**CPU**](https://www.gsmarena.com/glossary.php3?term=cpu) | Octa-core (4x2.3 GHz Cortex-A73 & 4x1.7 GHz Cortex-A53) |
| [**GPU**](https://www.gsmarena.com/glossary.php3?term=gpu) | Mali-G72 MP3 |

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| **MEMORY** | [**Card slot**](https://www.gsmarena.com/glossary.php3?term=memory-card-slot) | microSDXC (dedicated slot) |
| [**Internal**](https://www.gsmarena.com/glossary.php3?term=dynamic-memory) | 64GB 6GB RAM, 128GB 6GB RAM, 128GB 8GB RAM |
|  | UFS 2.1 |

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| **MAIN CAMERA** | [**Triple**](https://www.gsmarena.com/glossary.php3?term=camera) | 64 MP, f/1.8, 26mm (wide), 1/1.72", 0.8µm, PDAF 8 MP, f/2.2, 12mm (ultrawide), 1/4.0", 1.12µm 5 MP, f/2.4, (macro) 5 MP, f/2.2, (depth) |
| [**Features**](https://www.gsmarena.com/glossary.php3?term=camera) | LED flash, panorama, HDR |
| [**Video**](https://www.gsmarena.com/glossary.php3?term=camera) | 4K@30fps, 1080p@30fps, gyro-EIS |

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| **SELFIE CAMERA** | [**Single**](https://www.gsmarena.com/glossary.php3?term=secondary-camera) | 32 MP, f/2.0, 26mm (wide), 1/2.8", 0.8µm |
| [**Features**](https://www.gsmarena.com/glossary.php3?term=secondary-camera) | HDR |
| [**Video**](https://www.gsmarena.com/glossary.php3?term=secondary-camera) | 4K@30fps, 1080p@30fps |

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| **SOUND** | [**Loudspeaker**](https://www.gsmarena.com/glossary.php3?term=loudspeaker) | Yes |
| [**3.5mm jack**](https://www.gsmarena.com/glossary.php3?term=audio-jack) | Yes |

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| **COMMS** | [**WLAN**](https://www.gsmarena.com/glossary.php3?term=wi-fi) | Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct, hotspot |
| [**Bluetooth**](https://www.gsmarena.com/glossary.php3?term=bluetooth) | 5.0, A2DP, LE |
| [**GPS**](https://www.gsmarena.com/glossary.php3?term=gps) | Yes, with A-GPS, GLONASS, GALILEO, BDS |
| [**NFC**](https://www.gsmarena.com/glossary.php3?term=nfc) | Yes (market/region dependent): SM-M315F/DSN |
| [**Radio**](https://www.gsmarena.com/glossary.php3?term=fm-radio) | FM radio, RDS, recording |
| [**USB**](https://www.gsmarena.com/glossary.php3?term=usb) | 2.0, Type-C 1.0 reversible connector |

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| **FEATURES** | [**Sensors**](https://www.gsmarena.com/glossary.php3?term=sensors) | Fingerprint (rear-mounted), accelerometer, gyro, proximity, compass |
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| **BATTERY** | [**Type**](https://www.gsmarena.com/glossary.php3?term=rechargeable-battery-types) | Li-Po 6000 mAh, non-removable |
| [**Charging**](https://www.gsmarena.com/glossary.php3?term=battery-charging) | Fast charging 15W |

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| **MISC** | [**Colors**](https://www.gsmarena.com/glossary.php3?term=build) | Ocean Blue, Space Black, Red |
| [**Models**](https://www.gsmarena.com/glossary.php3?term=models) | SM-M315F, SM-M315F/DS, SM-M315F/DSN |
| [**SAR**](https://www.gsmarena.com/glossary.php3?term=sar) | 0.52 W/kg (head)     0.69 W/kg (body) |
| [**SAR EU**](https://www.gsmarena.com/glossary.php3?term=sar) | 0.48 W/kg (head)     1.13 W/kg (body) |
| [**Price**](https://www.gsmarena.com/glossary.php3?term=price) | [$ 271.19 / € 262.22 / £ 229.90 / ₹ 16,499](https://www.gsmarena.com/samsung_galaxy_m31-price-10079.php) |