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| **NETWORK** | [**Technology**](https://www.gsmarena.com/network-bands.php3) | [GSM / HSPA / LTE](https://www.gsmarena.com/samsung_galaxy_a21s-10239.php) |
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| **LAUNCH** | [**Announced**](https://www.gsmarena.com/glossary.php3?term=phone-life-cycle) | 2020, May 15 |
| [**Status**](https://www.gsmarena.com/glossary.php3?term=phone-life-cycle) | Available. Released 2020, June 02 |

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| **BODY** | [**Dimensions**](https://www.gsmarena.com/samsung_galaxy_a21s-10239.php) | 163.7 x 75.3 x 8.9 mm (6.44 x 2.96 x 0.35 in) |
| [**Weight**](https://www.gsmarena.com/samsung_galaxy_a21s-10239.php) | 192 g (6.77 oz) |
| [**SIM**](https://www.gsmarena.com/glossary.php3?term=sim) | Single SIM (Nano-SIM) or Dual SIM (Nano-SIM, dual stand-by) |

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| **DISPLAY** | [**Type**](https://www.gsmarena.com/glossary.php3?term=display-type) | PLS TFT capacitive touchscreen, 16M colors |
| [**Size**](https://www.gsmarena.com/samsung_galaxy_a21s-10239.php) | 6.5 inches, 102.0 cm2 (~82.8% screen-to-body ratio) |
| [**Resolution**](https://www.gsmarena.com/glossary.php3?term=resolution) | 720 x 1600 pixels, 20:9 ratio (~270 ppi density) |

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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 850 (8nm) |
| [**CPU**](https://www.gsmarena.com/glossary.php3?term=cpu) | Octa-core (4x2.0 GHz Cortex-A55 & 4x2.0 GHz Cortex-A55) |
| [**GPU**](https://www.gsmarena.com/glossary.php3?term=gpu) | Mali-G52 |

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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) | 32GB 3GB RAM, 64GB 4GB RAM, 64GB 6GB RAM |
|  | eMMC 5.1 |

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| **MAIN CAMERA** | [**Quad**](https://www.gsmarena.com/glossary.php3?term=camera) | 48 MP, f/2.0, 26mm (wide), 1/2.0", 0.8µm, PDAF8 MP, f/2.2, 123˚ (ultrawide), 1/4.0", 1.12µm2 MP, f/2.4, (macro)2 MP, f/2.4, (depth) |
| [**Features**](https://www.gsmarena.com/glossary.php3?term=camera) | LED flash, panorama, HDR |
| [**Video**](https://www.gsmarena.com/glossary.php3?term=camera) | 1080p@30fps |

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| **SELFIE CAMERA** | [**Single**](https://www.gsmarena.com/glossary.php3?term=secondary-camera) | 13 MP, f/2.2, (wide), 1/3.1", 1.12µm |
| [**Video**](https://www.gsmarena.com/glossary.php3?term=secondary-camera) | 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) |
| [**Radio**](https://www.gsmarena.com/glossary.php3?term=fm-radio) | Unspecified |
| [**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 5000 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) | Black, White, Blue, Red |
| [**Models**](https://www.gsmarena.com/glossary.php3?term=models) | SM-A217F, SM-A217F/DS, SM-A217F/DSN, SM-A217M, SM-A217M/DS |
| [**SAR EU**](https://www.gsmarena.com/glossary.php3?term=sar) | 0.42 W/kg (head)     1.54 W/kg (body)     |
| [**Price**](https://www.gsmarena.com/glossary.php3?term=price) | [$ 189.76 / € 140.42 / £ 149.99 / ₹ 14,998](https://www.gsmarena.com/samsung_galaxy_a21s-price-10239.php) |

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| **TESTS** | [**Performance**](https://www.gsmarena.com/glossary.php3?term=benchmarking) | AnTuTu: 107157 (v8)GeekBench: 1100 (v5.1)GFXBench: 11fps (ES 3.1 onscreen) |
| [**Display**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p2.php) | [Contrast ratio: 1287:1 (nominal)](https://www.gsmarena.com/samsung_galaxy_a21s-review-2142p3.php#dt) |
| [**Camera**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p5.php) | [Photo](https://www.gsmarena.com/piccmp.php3?idType=1&idPhone1=10239&nSuggest=1) / [Video](https://www.gsmarena.com/vidcmp.php3?idType=3&idPhone1=10239&nSuggest=1) |
| [**Loudspeaker**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p7.php) | [-30.0 LUFS (Average)](https://www.gsmarena.com/samsung_galaxy_a21s-review-2142p3.php#lt) |
| [**Battery life**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p6.php) | [Endurance rating 119h](https://www.gsmarena.com/samsung_galaxy_a21s-10239.php) |