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| **NETWORK** | [**Technology**](https://www.gsmarena.com/network-bands.php3) | [GSM / HSPA / LTE](https://www.gsmarena.com/samsung_galaxy_a52-10641.php) |
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| **LAUNCH** | [**Announced**](https://www.gsmarena.com/glossary.php3?term=phone-life-cycle) | 2021, March 17 |
| [**Status**](https://www.gsmarena.com/glossary.php3?term=phone-life-cycle) | Available. Released 2021, March 26 |

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| **BODY** | [**Dimensions**](https://www.gsmarena.com/samsung_galaxy_a52-10641.php) | 159.9 x 75.1 x 8.4 mm (6.30 x 2.96 x 0.33 in) |
| [**Weight**](https://www.gsmarena.com/samsung_galaxy_a52-10641.php) | 189 g (6.67 oz) |
| [**Build**](https://www.gsmarena.com/glossary.php3?term=build) | Glass front (Gorilla Glass 5), plastic frame, plastic back |
| [**SIM**](https://www.gsmarena.com/glossary.php3?term=sim) | Single SIM (Nano-SIM) or Hybrid Dual SIM (Nano-SIM, dual stand-by) |
|  | IP67 dust/water resistant (up to 1m for 30 mins) |

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| **DISPLAY** | [**Type**](https://www.gsmarena.com/glossary.php3?term=display-type) | Super AMOLED, 90Hz, 800 nits (HBM) |
| [**Size**](https://www.gsmarena.com/samsung_galaxy_a52-10641.php) | 6.5 inches, 101.0 cm2 (~84.1% screen-to-body ratio) |
| [**Resolution**](https://www.gsmarena.com/glossary.php3?term=resolution) | 1080 x 2400 pixels, 20:9 ratio (~407 ppi density) |
| [**Protection**](https://www.gsmarena.com/glossary.php3?term=screen-protection) | Corning Gorilla Glass 5 |
|  | Always-on display |

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| **PLATFORM** | [**OS**](https://www.gsmarena.com/glossary.php3?term=os) | Android 11, upgradable to Android 12, One UI 4.0 |
| [**Chipset**](https://www.gsmarena.com/glossary.php3?term=chipset) | Qualcomm SM7125 Snapdragon 720G (8 nm) |
| [**CPU**](https://www.gsmarena.com/glossary.php3?term=cpu) | Octa-core (2x2.3 GHz Kryo 465 Gold & 6x1.8 GHz Kryo 465 Silver) |
| [**GPU**](https://www.gsmarena.com/glossary.php3?term=gpu) | Adreno 618 |

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| **MEMORY** | [**Card slot**](https://www.gsmarena.com/glossary.php3?term=memory-card-slot) | microSDXC (uses shared SIM slot) |
| [**Internal**](https://www.gsmarena.com/glossary.php3?term=dynamic-memory) | 128GB 4GB RAM, 128GB 6GB RAM, 128GB 8GB RAM, 256GB 6GB RAM, 256GB 8GB RAM |

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| **MAIN CAMERA** | [**Quad**](https://www.gsmarena.com/glossary.php3?term=camera) | 64 MP, f/1.8, 26mm (wide), 1/1.7X", 0.8µm, PDAF, OIS 12 MP, f/2.2, 123˚ (ultrawide), 1.12µm 5 MP, f/2.4, (macro) 5 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) | 4K@30fps, 1080p@30/60fps; gyro-EIS |

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| **SELFIE CAMERA** | [**Single**](https://www.gsmarena.com/glossary.php3?term=secondary-camera) | 32 MP, f/2.2, 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, with stereo speakers |
| [**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) | FM radio |
| [**USB**](https://www.gsmarena.com/glossary.php3?term=usb) | USB Type-C 2.0, USB On-The-Go |

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| **FEATURES** | [**Sensors**](https://www.gsmarena.com/glossary.php3?term=sensors) | Fingerprint (under display, optical), accelerometer, gyro, compass |
|  | Virtual proximity sensing |

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| **BATTERY** | [**Type**](https://www.gsmarena.com/glossary.php3?term=rechargeable-battery-types) | Li-Po 4500 mAh, non-removable |
| [**Charging**](https://www.gsmarena.com/glossary.php3?term=battery-charging) | Fast charging 25W, 50% in 30 min (advertised) |

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| **MISC** | [**Colors**](https://www.gsmarena.com/glossary.php3?term=build) | Awesome Black, Awesome White, Awesome Violet, Awesome Blue |
| [**Models**](https://www.gsmarena.com/glossary.php3?term=models) | SM-A525F, SM-A525F/DS, SM-A525M, SM-A525M/DS |
| [**SAR EU**](https://www.gsmarena.com/glossary.php3?term=sar) | 0.35 W/kg (head)     0.84 W/kg (body) |
| [**Price**](https://www.gsmarena.com/glossary.php3?term=price) | [$ 279.99 / € 260.00 / £ 249.00 / ₹ 25,999 / C$ 448.08 / Rp 4,862,000](https://www.gsmarena.com/samsung_galaxy_a52-price-10641.php) |

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| **TESTS** | [**Performance**](https://www.gsmarena.com/glossary.php3?term=benchmarking) | AnTuTu: 261282 (v8) GeekBench: 5865 (v4.4), 1577 (v5.1) GFXBench: 15fps (ES 3.1 onscreen) |
| [**Display**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p2.php) | [Contrast ratio: Infinite (nominal)](https://www.gsmarena.com/samsung_galaxy_a52-review-2242p3.php#dt) |
| [**Camera**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p5.php) | [Photo](https://www.gsmarena.com/piccmp.php3?idType=1&idPhone1=10641&nSuggest=1) / [Video](https://www.gsmarena.com/vidcmp.php3?idType=3&idPhone1=10641&nSuggest=1) |
| [**Loudspeaker**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p7.php) | [-27.0 LUFS (Good)](https://www.gsmarena.com/samsung_galaxy_a52-review-2242p3.php#lt) |
| [**Battery life**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p6.php) | [Endurance rating 105h](https://www.gsmarena.com/samsung_galaxy_a52-10641.php) |
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