Samsung Galaxy A33 5G SM-A336B 16.3 cm (6.4") Hybrid Dual SIM Android 12 USB Type-C 6 GB 128 GB 5000 mAh Black

Brand : Samsung

Product family: Galaxy

Product code: SM-A336BZKGEUB

Product name : SM-A336B

- FHD+ sAMOLED 90Hz Display

- OIS Camera

- 2 Days Battery

Galaxy A33 5G

Samsung Galaxy A33 5G SM-A336B. Display diagonal: 16.3 cm (6.4"), Display resolution: 1080 x 2400 pixels. Processor frequency: 2.4 GHz, Processor family: Samsung Exynos, Processor model: 1280. RAM capacity: 6 GB, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 48 MP, Rear camera type: Quad camera. SIM card capability: Hybrid Dual SIM. Operating system installed: Android 12. Battery capacity: 5000 mAh. Product colour: Black. Weight: 186 g







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Display diagonal *16.3 cm (6.4")Screen shapeFlat	Form factor *	Bar
Display technology marketing nameSuper AMOLEDPanel typeOLEDDisplay glass typeGorilla Glass	Product colour * International Protection (IP) code Protection features Housing material	Black IP67 Waterproof Polycarbonate (PC)
Display resolution * 1080 x 2400 pixels	Performance	
Display number of colours16 million coloursNative aspect ratio20:9Contrast ratio (typical)1000000:1Maximum refresh rate90 HzDisplay brightness420 cd/m²Touchscreen typeCapacitive	Video call Fast charging Fingerprint reader Face recognition Country of origin	✓ ✓ ✓ China
Pixel density 407 ppi	Navigation	
Second display Gorilla Glass version Gorilla Glass 5	GPS (satellite)	4
ProcessorProcessor family *Samsung ExynosProcessor model *1280Processor cores8Processor frequency *2.4 GHz	GLONASS BeiDou Galileo Quasi-Zenith Satellite System (QZSS) Position location *	4 4 4 4
Storage	Multimedia	
User memory 102 GB RAM capacity * 6 GB	Speakers Audio system	stereo Dolby Atmos
Internal storage capacity * 128 GB Compatible memory cards * MicroSD (TransFlash)	Software	
Maximum memory card size 1 TB USB mass storage Image: storage	Platform * Operating system installed *	Android Android 12
Camera	Battery	
Rear camera resolution (numeric) *48 MPSecond rear camera resolution (numeric)8 MPThird rear camera resolution (numeric)5 MP	Battery technology Battery voltage Battery recharge time Battery weight Removable battery	Lithium-Ion (Li-Ion) 3.88 V 1.8 h 63.5 g

Camera			Battery	
Fourth rear camera resolution (numeric)		2 MP	Battery capacity *	5000 mAh
(numeric) Rear camera resolution			Talk time (4G)	40 h
		3840 x 2160 pixels	Browsing time (Wi-Fi)	18 h
Rear camera aperture number Second rear camera aperture		1.8	Browsing time (4G)	17 h
number		2.2	Continuous audio playback time (display off)	54 h
Third rear camera aperture number		2.4	Wireless audio playback time	54 h
Fourth rear camera aperture number		2.4	Wireless video playback time	18 h
Digital zoom		10x	Sensors	
Front camera type *		Single camera	Accelerometer	1
Front camera resolution (numeric) *		13 MP	Gyroscope	1
Front camera resolution		3840 x 2160 pixels	Geomagnetic sensor	1
Front camera aperture number		2.2	Hall sensor	1
Rear camera flash *		1	Weight & dimensions	
Rear camera type	*	Quad camera	Width	74 mm
Auto focus		1	Depth	8.1 mm
Face detection		4	Height	159.7 mm
Image stabilizer		1	Weight *	186 g
Image stabilizer ty	ре	Optical Image Stabilization (OIS)	Package width	78.5 mm
Network SIM card capability *	Hybrid Dual SIM		Package depth	30 mm
Mobile network generation * SIM card type *	5G NanoSIM		Package height	164 mm
3G standards * 4G standard *	WCDMA LTE		Package weight	354 g
Wi-Fi *				
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-	Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Certificates	
Wi-Fi standards Bluetooth * Bluetooth version	4	Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Certificates	0 574 W/kg
Bluetooth * Bluetooth version Bluetooth profiles	✓ 5.1 A2DP	Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Head SAR (EU)	0.574 W/kg
Bluetooth * Bluetooth version	 ✓ 5.1 A2DP 850,900,1700,1900,2100 MHz 	Fi 4 (802.11n), Wi-Fi 5 (802.11ac) 00,1900,2000,2100,2300,2400,2500,2600,3400,3500,3600,3700,3800	Head SAR (EU) Body SAR (EU)	1.59 W/kg
Bluetooth * Bluetooth version Bluetooth profiles 3G bands supported	 5.1 A2DP 850,900,1700,1900,2100 MHz 700,800,850,900,1500,1700,18 	00,1900,2000,2100,2300,2400,2500,2600,3400,3500,3600,3700,3800	Head SAR (EU) Body SAR (EU) Extremities SAR (EU)	5
Bluetooth * Bluetooth version Bluetooth profiles 3G bands supported 4G bands supported 5G bands supported	✓ 5.1 A2DP 850,900,1700,1900,2100 MHz 700,800,850,900,1500,1700,18 MHz 700,800,850,900,1800,2100,23	00,1900,2000,2100,2300,2400,2500,2600,3400,3500,3600,3700,3800	Head SAR (EU) Body SAR (EU)	1.59 W/kg
Bluetooth * Bluetooth version Bluetooth profiles 3G bands supported 4G bands supported 5G bands supported 3G data rate (max) 4G data rate (max)	✓ 5.1 A2DP 850,980,1700,1900,2100 MHz 700,800,850,900,1500,1700,18 MHz 700,800,850,900,1800,2100,23 42.2 Mbit/s 1200 Mbit/s	00,1900,2000,2100,2300,2400,2500,2600,3400,3500,3600,3700,3800	Head SAR (EU) Body SAR (EU) Extremities SAR (EU)	1.59 W/kg
Bluetooth * Bluetooth version Bluetooth profiles 3G bands supported 4G bands supported 5G bands supported 3G data rate (max) 4G data rate (max) Tethering (moden-mode) Wi-Fi Direct	✓ 5.1 A2DP 850,900,1700,1900,2100 MHz 700,800,850,900,1500,1700,18 MHz 42.2 Mbit/s 1200 Mbit/s ✓ ✓	00,1900,2000,2100,2300,2400,2500,2600,3400,3500,3600,3700,3800	Head SAR (EU) Body SAR (EU) Extremities SAR (EU) Packaging content	1.59 W/kg 3.23 W/kg
Bluetooth * Bluetooth version Bluetooth profiles 3G bands supported 4G bands supported 3G data rate (max) 4G data rate (max) Tethering (modem-mode) Wi-Fi Direct MIMO	✓ 5.1 A2DP 850,900,1700,1900,2100 MHz 700,800,850,900,1500,1700,18 MHz 42.2 Mbit/s 1200 Mbit/s ✓ ✓	00,1900,2000,2100,2300,2400,2500,2600,3400,3500,3600,3700,3800	Head SAR (EU) Body SAR (EU) Extremities SAR (EU) Packaging content Quick start guide Warranty card Cables included	1.59 W/kg 3.23 W/kg ✓ ✓ ✓ USB Type-C
Bluetooth * Bluetooth version Bluetooth profiles 3G bands supported 4G bands supported 3G data rate (max) 4G data rate (max) Tethering (modern-mode) Wi-Fi Direct MIMO Near Field Communication (NFC)	✓ 5.1 A2DP 850,900,1700,1900,2100 MHz 700,800,850,900,1500,1700,18 MHz 42.2 Mbit/s 1200 Mbit/s ✓ ✓ ✓ ✓	00,1900,2000,2100,2300,2400,2500,2600,3400,3500,3600,3700,3800	Head SAR (EU) Body SAR (EU) Extremities SAR (EU) Packaging content Quick start guide Warranty card	1.59 W/kg 3.23 W/kg
Bluetooth * Bluetooth version Bluetooth profiles 3G bands supported 4G bands supported 3G data rate (max) 4G data rate (max) Tethering (modem-mode) Wi-Fi Direct MIMO Near Field Communication (NFC) Subscription	<pre> 5.1 A20P 850.900.1700.1900.2100 MHz 700.800.850.900.1500.100.180 #Hz 700.800.850.900.1800.2100.23 42.2 Mbi/s 1200 Mbi/s 200 Mbi/s 4 4 4 4 4 4 4 4 4 4 4 </pre>	00,1900,2000,2100,2300,2400,2500,2600,3400,3500,3600,3700,3800 00,2600,3500,3700 MHz	Head SAR (EU) Body SAR (EU) Extremities SAR (EU) Packaging content Quick start guide Warranty card Cables included	1.59 W/kg 3.23 W/kg VSB Type-C
Bluetooth * Bluetooth version Bluetooth profiles 3G bands supported 3G bands supported 3G data rate (max) 4G data rate (max) 4G data rate (max) Wi-Fi Direct MMO Near Field Communication (NFC) Subscription	<pre> 5.1 A20P 850.900.1700.1900.2100 MHz 700.800.850.900.1500.100.180 #Hz 700.800.850.900.1800.2100.23 42.2 Mbi/s 1200 Mbi/s 200 Mbi/s 4 4 4 4 4 4 4 4 4 4 4 </pre>	00,1900,2000,2100,2300,2400,2500,2600,3400,3500,3600,3700,3800 00,2600,3500,3700 MHz	Head SAR (EU) Body SAR (EU) Extremities SAR (EU) Packaging content Quick start guide Warranty card Cables included SIM card ejector pin Logistics data Harmonized System (HS) code	1.59 W/kg 3.23 W/kg ✓ ✓ USB Type-C ✓ 85171300
Bluetooth * Bluetooth version Bluetooth profiles 3G bands supported 4G bands supported 3G data rate (max) 4G data rate (max) Tethering (modem-mode) Wi-Fi Direct MIMO Near Field Communication (NFC) Subscription Subscription type Ports & interface USB port *	<pre></pre>	00,1900,2000,2100,2300,2400,2500,2600,3400,3500,3600,3700,3800 00,2600,3500,3700 MHz No subscription	Head SAR (EU) Body SAR (EU) Extremities SAR (EU) Packaging content Quick start guide Warranty card Cables included SIM card ejector pin Logistics data Harmonized System (HS) code Master (outer) case length	1.59 W/kg 3.23 W/kg ✓ USB Type-C ✓ 85171300 169 mm
Bluetooth * Bluetooth version Bluetooth vorsion Bluetooth profiles 3G bands supported 3G data rate (max) 4G data rate (max) 4G data rate (max) Tethering (modern-mode) Wi-Fi Direct MIMO Near Field Communication (NFC) Subscription Subscription type 3 Ports & interface	<pre></pre>	00,1900,2000,2100,2300,2400,2500,2600,3400,3500,3600,3700,3800 00,2600,3500,3700 MHz No subscription	Head SAR (EU) Body SAR (EU) Extremities SAR (EU) Packaging content Quick start guide Warranty card Cables included SIM card ejector pin Logistics data Harmonized System (HS) code	1.59 W/kg 3.23 W/kg ✓ ✓ ✓ USB Type-C ✓ ✓ 85171300 169 mm 305 mm
Bluetooth * Bluetooth version Bluetooth vorsion Bluetooth profiles 3G bands supported 3G data rate (max) 4G data rate (max) 4G data rate (max) Tethering (modem-mode) Wi-Fi Direct MIMO Near Field Communication (NFC) Subscription Subscription type * Ports & interface USB port * USB connector type	<pre></pre>	00,1900,2000,2100,2300,2400,2500,2600,3400,3500,3600,3700,3800 00,2600,3500,3700 MHz No subscription USB Type-C	Head SAR (EU) Body SAR (EU) Extremities SAR (EU) Packaging content Quick start guide Warranty card Cables included SIM card ejector pin Logistics data Harmonized System (HS) code Master (outer) case length	1.59 W/kg 3.23 W/kg ✓ USB Type-C ✓ 85171300 169 mm
Bluetooth * Bluetooth version Bluetooth vorsion Bluetooth profiles 3G bands supported 3G data rate (max) 4G data rate (max) 4G data rate (max) Tethering (modem-mode) Wi-Fi Direct MIMO Near Field Communication (NFC) Subscription Subscription type * Ports & interface USB port * USB connector type	<pre></pre>	00,1900,2000,2100,2300,2400,2500,2600,3400,3500,3600,3700,3800 00,2600,3500,3700 MHz No subscription USB Type-C	Head SAR (EU) Body SAR (EU) Extremities SAR (EU) Packaging content Quick start guide Warranty card Cables included SIM card ejector pin Cagistics data Harmonized System (HS) code Master (outer) case length Master (outer) case width Master (outer) case height Products per pallet layer	1.59 W/kg 3.23 W/kg ✓ ✓ ✓ USB Type-C ✓ ✓ 85171300 169 mm 305 mm
Bluetooth * Bluetooth version Bluetooth vorsion Bluetooth profiles 3G bands supported 3G data rate (max) 4G data rate (max) 4G data rate (max) Tethering (modem-mode) Wi-Fi Direct MIMO Near Field Communication (NFC) Subscription Subscription type * Ports & interface USB port * USB connector type	<pre></pre>	00,1900,2000,2100,2300,2400,2500,2600,3400,3500,3600,3700,3800 00,2600,3500,3700 MHz No subscription USB Type-C	Head SAR (EU) Body SAR (EU) Extremities SAR (EU) Packaging content Quick start guide Warranty card Cables included SIM card ejector pin Cables included SIM car	1.59 W/kg 3.23 W/kg ✓ ✓ ✓ USB Type-C ✓ Ø 85171300 169 mm 305 mm 179 mm
Bluetooth * Bluetooth version Bluetooth vorsion Bluetooth profiles 3G bands supported 3G data rate (max) 4G data rate (max) 4G data rate (max) Tethering (modem-mode) Wi-Fi Direct MIMO Near Field Communication (NFC) Subscription Subscription type * Ports & interface USB port * USB connector type	<pre></pre>	00,1900,2000,2100,2300,2400,2500,2600,3400,3500,3600,3700,3800 00,2600,3500,3700 MHz No subscription USB Type-C	Head SAR (EU) Body SAR (EU) Extremities SAR (EU) Packaging content Quick start guide Warranty card Cables included SIM card ejector pin Cagistics data Harmonized System (HS) code Master (outer) case length Master (outer) case length Master (outer) case height Products per pallet layer Products per pallet Pallet net height	1.59 W/kg 3.23 W/kg ✓ ✓ ✓ USB Type-C ✓ 85171300 169 mm 305 mm 179 mm 14 pc(s)
Bluetooth * Bluetooth version Bluetooth vorsion Bluetooth profiles 3G bands supported 3G data rate (max) 4G data rate (max) 4G data rate (max) Tethering (modem-mode) Wi-Fi Direct MIMO Near Field Communication (NFC) Subscription Subscription type * Ports & interface USB port * USB connector type	<pre></pre>	00,1900,2000,2100,2300,2400,2500,2600,3400,3500,3600,3700,3800 00,2600,3500,3700 MHz No subscription USB Type-C	Head SAR (EU) Body SAR (EU) Extremities SAR (EU) Packaging content Quick start guide Warranty card Cables included SIM card ejector pin Cables included SIM car	1.59 W/kg 3.23 W/kg ✓ ✓ ✓ USB Type-C ✓ ØS171300 169 mm 305 mm 179 mm 14 pc(s) 84 pc(s)
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Bluetooth * Bluetooth version Bluetooth vorsion Bluetooth profiles 3G bands supported 3G data rate (max) 4G data rate (max) 4G data rate (max) Tethering (modem-mode) Wi-Fi Direct MIMO Near Field Communication (NFC) Subscription Subscription type * Ports & interface USB port * USB connector type	<pre></pre>	00,1900,2000,2100,2300,2400,2500,2600,3400,3500,3600,3700,3800 00,2600,3500,3700 MHz No subscription USB Type-C	Head SAR (EU) Body SAR (EU) Extremities SAR (EU) Packaging content Quick start guide Warranty card Cables included SIM card ejector pin Cables included SIM car	1.59 W/kg 3.23 W/kg ✓ ✓ ✓ USB Type-C ✓ Ø 85171300 169 mm 305 mm 179 mm 14 pc(s) 84 pc(s) 12 cm 120 cm 80 cm
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Touchscreen

User memory Technical details Repairability index

Commodity Classification Automated Tracking System (CCATS) ✓ 100 MB

8.2

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