

Samsung Galaxy A55 5G Enterprise Edition 16.8 cm (6.6") Dual SIM Android 14 USB Type-C 8 GB 128 GB 5000 mAh Navy

Brand : Samsung

Product family: Galaxy

Product code: SM-A556BZKAEEB

Product name : A55 5G Enterprise Edition



- Awesome Camera
- Awesome Performance
- Awesome Durability

SM-A556BZKAEEB

Samsung Galaxy A55 5G Enterprise Edition . Display diagonal: 16.8 cm (6.6"), Display resolution: 1080 x 2340 pixels. Processor frequency: 2 GHz, Processor family: Samsung Exynos. RAM capacity: 8 GB, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 14. Battery capacity: 5000 mAh. Product colour: Navy. Weight: 213 g

Display		Network	
Display diagonal *	16.8 cm (6.6")	SIM card type *	NanoSIM + eSIM
Screen shape	Flat	2G standards	GSM
Display technology marketing name	Super AMOLED	3G standards *	WCDMA
Panel type	AMOLED	4G standard *	LTE-TDD & LTE-FDD
Display glass type	Gorilla Glass	5G standard *	Sub6 TDD
Gorilla Glass version	Gorilla Glass Victus+	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display resolution *	1080 x 2340 pixels	Wi-Fi	✓
Display number of colours	16 million colours	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Maximum refresh rate	120 Hz	Bluetooth *	✓
Display brightness	1000 cd/m²	Bluetooth version	5.3
Maximum display brightness (Outdoor)	1650 cd/m²	2G bands (primary SIM)	850,1900,1800,900 MHz
Pixel density	389 ppi	3G bands supported	2100,900,1900,850,1700 MHz
Brand specific technologies	Always-on display	4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz
Processor		5G bands supported	2100,700,800,850,1800,2600,900,1700,2300,2500,3700,3500 MHz
Processor family *	Samsung Exynos	Wi-Fi Direct	✓
Processor cores	8	MIMO	✓
Processor boost frequency	2.75 GHz	Modulation	1024-QAM
Processor frequency *	2 GHz	Near Field Communication (NFC)	✓
Storage		Ports & interfaces	
User memory	109.5 GB	USB port	✓
RAM capacity *	8 GB	USB connector type	USB Type-C
Internal storage capacity *	128 GB	USB version	2.0
Compatible memory cards *	MicroSD (TransFlash)	Headphone connectivity	USB Type-C
Maximum memory card size	1 TB	Mobile High-Definition Link (MHL)	✗
Memory card slot type	Hybrid slot	Navigation	
Camera		GPS (satellite)	✓
Rear camera sensor size	1/1.56"	GLONASS	✓
Second rear camera sensor size	1/3.06"	BeiDou	✓
Third rear camera sensor size	1/5"	Galileo	✓
Rear camera resolution (numeric) *	50 MP	Quasi-Zenith Satellite System (QZSS)	✓
		Position location *	✓
		Design	
		Form factor *	Bar

Camera		Design	
Second rear camera resolution (numeric)	12 MP	Product colour *	Navy
Third rear camera resolution (numeric)	5 MP	Colour name	Awesome Navy
Fourth rear camera resolution (numeric)	50 MP	Housing material	Glass, Metal
Rear camera aperture number	1.8	Performance	
Second rear camera aperture number	2.2	Fast charging	✓
Third rear camera aperture number	2.4	Fingerprint reader	✓
Rear camera pixel size	1 µm	Face recognition	✓
Second rear camera pixel size	1.12 µm	Multimedia	
Third rear camera pixel size	1.12 µm	Speakers	stereo
Rear camera field of view (FOV) angle	84°	Audio system	Dolby Atmos
Second rear camera field of view (FOV) angle	123°	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Third rear camera field of view (FOV) angle	78°	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Digital zoom	10x	Software	
Front camera type *	Single camera	Platform *	Android
Front camera sensor size	1/2.74"	Operating system installed *	Android 14
Front camera resolution (numeric) *	32 MP	Battery	
Front camera aperture number	2.2	Removable battery	✗
Front camera pixel size	0.8 µm	Battery capacity *	5000 mAh
Front camera field of view (FOV) angle	81°	Browsing time (Wi-Fi)	24 h
Rear camera flash *	✓	Browsing time (4G)	25 h
Flash type	LED	Wireless audio playback time	79 h
Video capture resolution (max)	3840 x 2160 pixels	Wireless video playback time	28 h
Maximum frame rate	30 fps	Sensors	
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps	Proximity sensor	✓
Rear camera type *	Triple camera	Accelerometer	✓
Auto focus	✓	Ambient light sensor	✓
Zoom capability	✓	Gyroscope	✓
Camera High Dynamic Range (HDR) mode	✓	Geomagnetic sensor	✓
Time lapse mode	✓	Hall sensor	✓
Image stabilizer	✓	Power	
Image stabilizer type	Optical Image Stabilization (OIS)	USB Type-C charging port *	✓
Night mode	✓	Endurance	
Panorama	✓	International Protection (IP) code *	IP67
Macro photography	✓	Weight & dimensions	
Slow motion mode	✓	Width	77.4 mm
Slow motion rate	240fps @HD	Depth	8.2 mm
		Height	161.1 mm
		Weight *	213 g
Network		Packaging content	
SIM card capability *	Dual SIM	Cables included	USB Type-C
Mobile network generation *	5G	SIM card ejector pin	✓
		Other features	
		Compatibility	Galaxy Buds2 Pro, Galaxy Buds Pro, Galaxy Buds Live, Galaxy Buds+, Galaxy Buds2, Galaxy Buds, Galaxy Buds FE, Galaxy Fit3, Galaxy Fit2, Galaxy Fit e, Galaxy Fit, Galaxy Watch6, Galaxy Watch5, Galaxy Watch4, Galaxy Watch3, Galaxy Watch, Galaxy Watch Active2, Galaxy Watch Active
		Repairability index	8.5

Technical details

Security update term

31 March 2028



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