

# Samsung Galaxy A55 5G Enterprise Edition 16.8 cm (6.6") Hybrid 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

6.6", 8GB RAM, 128GB ROM, 50MP+12MP+5MP/32MP, Dual SIM, 5000 mAh, Android 14  
 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: Hybrid Dual SIM. Operating system installed: Android 14. Battery capacity: 5000 mAh. Product colour: Navy. Weight: 213 g

Display		Camera	
Display diagonal *	16.8 cm (6.6")	Camera High Dynamic Range (HDR) mode	✓
Screen shape	Flat	Time lapse mode	✓
Display technology marketing name	Super AMOLED	Image stabilizer	✓
Panel type	AMOLED	Image stabilizer type	Optical Image Stabilization (OIS)
Display glass type	Gorilla Glass	Night mode	✓
Gorilla Glass version	Gorilla Glass Victus+	Panorama	✓
Display resolution *	1080 x 2340 pixels	Macro photography	✓
Display number of colours	16 million colours	Network	
Maximum refresh rate	120 Hz	SIM card capability *	Hybrid Dual SIM
Display brightness	1000 cd/m <sup>2</sup>	Mobile network generation *	5G
Maximum display brightness (Outdoor)	1650 cd/m <sup>2</sup>	SIM card type *	NanoSIM + eSIM
Pixel density	389 ppi	3G standards *	UMTS, WCDMA
Brand specific technologies	Always-on display	4G standard *	LTE-TDD & LTE-FDD
Processor		5G standard *	Sub6 FDD, Sub6 TDD
Processor family *	Samsung Exynos	Wi-Fi *	✓
Processor cores	8	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Processor boost frequency	2.75 GHz	Bluetooth *	✓
Processor frequency *	2 GHz	Bluetooth version	5.3
Storage		Wi-Fi Direct	✓
User memory	109.5 GB	MIMO	✓
RAM capacity *	8 GB	Modulation	1024-QAM
Internal storage capacity *	128 GB	Ports & interfaces	
Compatible memory cards *	MicroSD (TransFlash)	USB port *	✓
Maximum memory card size	1 TB	USB connector type	USB Type-C
Camera		USB version	2.0
Rear camera sensor size	1/1.56"	Design	
Second rear camera sensor size	1/3.06"	Form factor *	Bar
Third rear camera sensor size	1/5"	Product colour *	Navy
Rear camera resolution (numeric) *	50 MP	Colour name	Awesome Navy
Second rear camera resolution (numeric)	12 MP	International Protection (IP) code	IP67
Third rear camera resolution (numeric)	5 MP	Housing material	Glass, Metal
Rear camera aperture number	1.8	Performance	
		Fast charging	✓

Camera		Performance	
Second rear camera aperture number	2.2	Fingerprint reader	✓
Third rear camera aperture number	2.4	Face recognition	✓
Rear camera pixel size	1 µm	<b>Navigation</b>	
Second rear camera pixel size	1.12 µm	GPS (satellite)	✓
Third rear camera pixel size	1.12 µm	GLONASS	✓
Rear camera field of view (FOV) angle	84°	BeiDou	✓
Second rear camera field of view (FOV) angle	123°	Galileo	✓
Third rear camera field of view (FOV) angle	78°	Quasi-Zenith Satellite System (QZSS)	✓
Digital zoom	10x	Position location *	✓
Front camera type *	Single camera	<b>Multimedia</b>	
Front camera sensor size	1/2.74"	Audio system	Dolby Atmos
Front camera resolution (numeric) *	32 MP	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Front camera aperture number	2.2	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Front camera pixel size	0.8 µm	<b>Software</b>	
Front camera field of view (FOV) angle	81°	Platform *	Android
Rear camera flash *	✓	Operating system installed *	Android 14
Flash type	LED	<b>Battery</b>	
Video capture resolution (max)	3840 x 2160 pixels	Removable battery	✗
Maximum frame rate	240 fps	Battery capacity *	5000 mAh
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps	<b>Sensors</b>	
Rear camera type *	Triple camera	Proximity sensor	✓
Auto focus	✓	Accelerometer	✓
		Ambient light sensor	✓
		Gyroscope	✓
		Geomagnetic sensor	✓
		Hall sensor	✓
		<b>Weight &amp; dimensions</b>	
		Width	77.4 mm
		Depth	8.2 mm
		Height	161.1 mm
		Weight *	213 g
		<b>Packaging content</b>	
		Cables included	USB Type-C
		SIM card ejector pin	✓



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