SAMSUNG

Samsung Galaxy A55 5G 16.8 cm (6.6") Hybrid Dual SIM Android 14 USB Type-C 8 GB 256 GB 5000 mAh Navy

Brand : Samsung

Product family: Galaxy

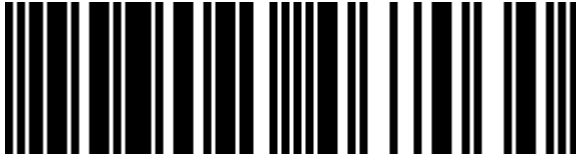**Product code:** SM-A556BZKCEUB

Product name : A55 5G

- Vibrant 6.6" High Resolution Display
- Amazingly detailed video with Super HDR
- Superfast processor for smooth action
- Works with e-SIMs (no SIM card needed)
Galaxy A55 5G
Samsung Galaxy A55 5G . 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: 256 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

Display diagonal *	16.8 cm (6.6")
Screen shape	Flat
Display technology marketing name	Super AMOLED
Panel type	AMOLED
Display glass type	Gorilla Glass
Gorilla Glass version	Gorilla Glass Victus+
Display resolution *	1080 x 2340 pixels
Display number of colours	16 million colours
Maximum refresh rate	120 Hz
Display brightness	1000 cd/m²
Maximum display brightness (Outdoor)	1650 cd/m²
Pixel density	389 ppi
Brand specific technologies	Always-on display

Processor

Processor family *	Samsung Exynos
Processor cores	8
Processor boost frequency	2.75 GHz
Processor frequency *	2 GHz

Storage

User memory	235.5 GB
RAM capacity *	8 GB
Internal storage capacity *	256 GB
Compatible memory cards *	MicroSD (TransFlash)
Maximum memory card size	1 TB

Camera

Rear camera sensor size	1/1.56"
Second rear camera sensor size	1/3.06"
Third rear camera sensor size	1/5"
Rear camera resolution (numeric) *	50 MP
Second rear camera resolution (numeric)	12 MP
Third rear camera resolution (numeric)	5 MP
Rear camera aperture number	1.8
Second rear camera aperture number	2.2

Camera

Camera High Dynamic Range (HDR) mode	✔
Time lapse mode	✔
Image stabilizer	✔
Image stabilizer type	Optical Image Stabilization (OIS)
Night mode	✔
Panorama	✔
Macro photography	✔

Network

SIM card capability *	Hybrid Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM
3G standards *	UMTS, WCDMA
4G standard *	LTE-TDD & LTE-FDD
5G standard *	Sub6 FDD, Sub6 TDD
Wi-Fi	✔
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Bluetooth *	✔
Bluetooth version	5.3
Wi-Fi Direct	✔
MIMO	✔
Modulation	1024-QAM

Ports & interfaces

USB port *	✔
USB connector type	USB Type-C
USB version	2.0

Design

Form factor *	Bar
Product colour *	Navy
Colour name	Awesome Navy
International Protection (IP) code	IP67
Housing material	Glass, Metal

Camera

Third rear camera aperture number	2.4
Rear camera pixel size	1 µm
Second rear camera pixel size	1.12 µm
Third rear camera pixel size	1.12 µm
Rear camera field of view (FOV) angle	84°
Second rear camera field of view (FOV) angle	123°
Third rear camera field of view (FOV) angle	78°
Digital zoom	10x
Front camera type *	Single camera
Front camera sensor size	1/2.74"
Front camera resolution (numeric) *	32 MP
Front camera aperture number	2.2
Front camera pixel size	0.8 µm
Front camera field of view (FOV) angle	81°
Rear camera flash *	✔
Flash type	LED
Video capture resolution (max)	3840 x 2160 pixels
Maximum frame rate	240 fps
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps
Rear camera type *	Triple camera
Auto focus	✔

Performance

Fast charging	✔
Fingerprint reader	✔
Face recognition	✔

Navigation

GPS (satellite)	✔
GLONASS	✔
BeiDou	✔
Galileo	✔
Quasi-Zenith Satellite System (QZSS)	✔
Position location *	✔

Multimedia

Audio system	Dolby Atmos
Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM

Software

Platform *	Android
Operating system installed *	Android 14

Battery

Removable battery	✘
Battery capacity *	5000 mAh

Sensors

Proximity sensor	✔
Accelerometer	✔
Ambient light sensor	✔
Gyroscope	✔
Geomagnetic sensor	✔
Hall sensor	✔

Weight & dimensions

Width	77.4 mm
Depth	8.2 mm
Height	161.1 mm
Weight *	213 g

Packaging content

Cables included	USB Type-C
SIM card ejector pin	✔

Other features

Repairability index	8.5

8806095467030