SAMSUNG

Galaxy A55 | A35

Sales Guide

Key Improvements A35

Galaxy A34 5G ('23)		Galaxy A35 5G ('24)
5G, Wi-Fi 6	Connectivity	5G, Wi-Fi 6
MT6877V/TTZA (6 nm Octa-core)	Processor	Exynos 1380 (5 nm Octa-core)
6/8 GB + 128 GB, 8 GB + 256 GB microSD: Up to 1 TB	Memory & Storage	6 GB + 128 GB, microSD: Up to 1 TB
5,000 mAh 25W Fast Charging	Battery (Typical)	5,000 mAh 25W Fast Charging
161.3 x 78.1 x 8.2 mm Weight 199 g	Dimensions	161.7 x 78.0 x 8.2 mm Weight 209 g
Rear: Glastic Side: Plastic	Real Material	Rear: Glass Side: Plastic
On-screen Fingerprint,	Others	On-screen Fingerprint, Samsung Knox Vault*

* Different from flagship, S & Z Series also protects Biometric data (fingerprint, facial) & Blockchain keystore, Strongbox Keymaster, etc.
※ Benchmark Score: AP Lab, (CPU) Geekbench5, (GPU) Manhattan 3.0 Peak
※ Memory & storage options and microSD card support may differ by country.
※ Battery: Typical value tested under third-party lab conditions. Rated (minimum) capacity is less.
※ Screen measured diagonally as a full rectangle without accounting for the rounded corners.

Key Improvements A55

5G, Wi-Fi 6	Connectivity	5G, Wi-Fi 6
Exynos 1380 (5 nm Octa-core)	Processor	Exynos 1480 (4 nm Octa-core)
6/8 GB + 128 GB, 8 GB + 256 GB microSD: Up to 1 TB	Memory & Storage	8 GB + 256 GB microSD: Up to 1 TB
5,000 mAh 25W Fast Charging	Battery (Typical)	5,000 mAh 25W Fast Charging
158.2 x 76.7 x 8.2 mm Weight 202 g	Dimensions	161.1 x 77.4 x 8.2 mm Weight 213 g
Rear: Glass Side: Plastic	Real Material	Rear: Glass Side: Metal
On-screen Fingerprint, eSIM	Others	On-screen Fingerprint, eSIM, Samsung Knox Vault*

* Different from flagship, S & Z Series also protects Biometric data (fingerprint, facial) & Blockchain keystore, Strongbox Keymaster, etc.

※ Benchmark Score: AP Lab, (CPU) Geekbench5, (GPU) Manhattan 3.0 Peak

※ Memory & storage options and microSD card support may differ by country.

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CXPs Overview

Epic Storytellers

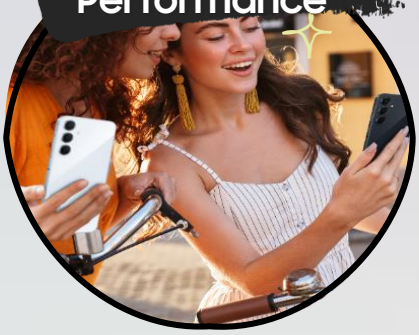
GALAXY A55

GALAXY A35

Content Enthusiasts

Awesome Camera

Awesome Performance



Awesome Durability

Talking Points

01. Awesome Camera

Nightography | AI Powered ISP | Super HDR Video (12 bit)
Night Portrait | UHD Adaptive VDIS (4K Stabilization) | 50 MP
4x Multi-readout (Low Noise)

02. Awesome Performance

Upgraded AP | 5000 mAh | Vision Booster | 1,000 nits (HBM)
6.6" FHD+ sAMOLED | 120 Hz Refresh Rate | Voice Focus
Advanced Heat Control (Vapor Chamber) | 8 GB Memory

03. Awesome Durability

Samsung Knox Vault (EAL 5+* Certified) | End-to-end Encryption
5 Years Security Updates + 4x OS Updates | IP67

※ Samsung Knox Vault: Different from flagship, S & Z Series also protects Biometric data (fingerprint, facial) & Blockchain keystore, Strongbox keymaster, etc.
* EAL: Evaluation Assurance Level (CC, Common Criteria)

01. Awesome Camera

Nightography NEW

The larger-sized pixels absorb more light in low-light conditions.

4x Multi-readout (Low Noise) NEW

4x multi-readout feature generates vibrant night shots with minimal noise.

Dark — Clear with low noise

GALAXY A55 GALAXY A35

Less Noise

4x Multi-readout*

GALAXY A55 Low Light

12 MP

2.0 µm

Big Pixel

50 MP

The 50 MP camera captures the finest details in high-resolution, especially during the day.

Bright ——— High-resolution

	High-res Mode
Galaxy A55	50 MP, 1.0 µm
Galaxy A35	50 MP, 0.8 µm

* LN4: Galaxy A55 supports both photo & video. Galaxy A35 supports photo only.

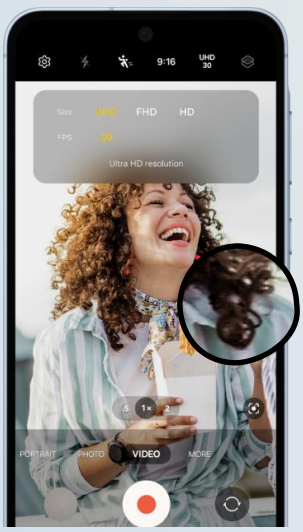
Stable video shooting

UHD Adaptive VDIS (4K Stabilization) UPGRADE

Together with VDIS, the adaptive VDIS analyzes camera movement and light conditions with greater precision, enabling you to shoot clear, stable 4K UHD

50 MP OIS UPGRADE

A wide ±1.5° OIS angle maintains stability even during subtle movements

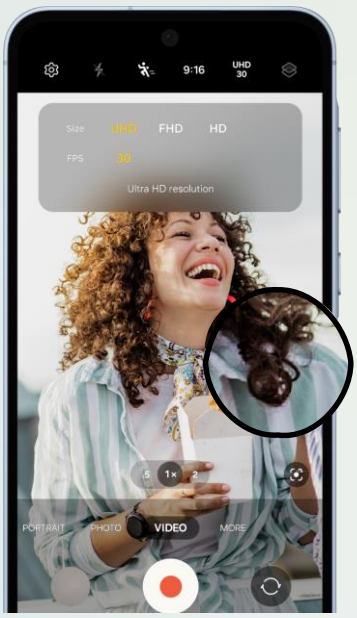


Galaxy A54 I A34

FHD VDIS

3 Movement

2 Luminance



Shake Free!

GALAXY A55 GALAXY A35

UHD VDIS

Adaptive VDIS

4K Stabilization

4 Movement

4 Luminance

※ Night portrait mode is supported both on Galaxy A55 I A35.
※ AI ISP is only supported on Galaxy A55.

※ OIS is available on Galaxy A55 I A35, and Galaxy A25 of the 2024 A Series.

Super HDR Video (12 bit) NEW

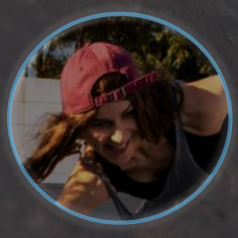
HDR captures a broad spectrum of light and shadow, enhancing detail and clarity in videos

GALAXY A55 GALAXY A35

64x More Rich Color

64X

10 bit	12 bit
R x G x B	R x G x B
1,024 1,024 1,024	4,096 4,096 4,096
1,073 million colors	68,719 million colors



Dark (Short Exposure)

+

Bright (Long Exposure)

※ 12 bit only operates on FHD30.

Night Portrait

The Galaxy A55 I A35's night portrait mode lets you capture the best of yourself, every night

AI Powered ISP GALAXY A55

The Galaxy A55's upgraded AI-powered ISP utilizes extra multi-frame synthesis processing to filter out noise from data, presenting clear portraits even in low-light conditions

Overview of camera features

	A55	A35
Photo Remaster	O	O
Object Eraser	O	O
Background Effect	O	O
Photo Long Exposure	O	X
Change(Add) Portrait Effect	O	O
Colorization	O	O
Remove Moire	O	O
Reflection Removal	O	O

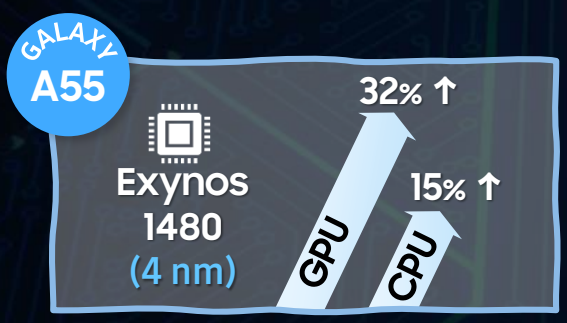
	A55	A35
Shadow Removal	O	O
24hr Time-lapse	O	O
GIF Remaster	O	O
Video Highlights (Suggested Edit Video)	X	X
Super Slow-Mo	O	O
Star Trail	O	X
Video Long Exposure	O	X

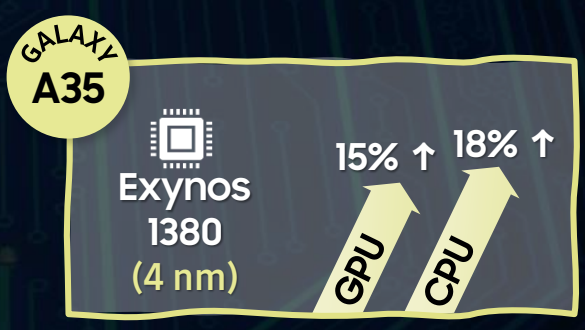
02. Awesome Performance

Upgraded AP

UPGRADE

Robust performance and lightning speed by improved GPU and CPU.





Upgraded CPU and GPU help support:

8GB Memory

GALAXY A55

The Galaxy A55's base memory expanded to 8 GB for all day, every day binge-watching.

※ Benchmark Score: AP Lab (CPU) Geekbench5, (GPU) Manhattan 3.0 Peak
※ The performance specifications are based on benchmark tests and may vary depending on actual usage.

Advanced Heat Control (Vapor Chamber)

A larger (up to 74%) cooling system with a vapor chamber prevents the phone from overheating.

GALAXY A55 GALAXY A35

5000 mAh

25W fast charging and 5,000 mAh battery* give you power to do what you love.

	Galaxy A55	Galaxy A35
30 mins	52% ↑	50% ↑
Fully Charged	84 mins	85 mins
Video Playback**	Up to 28hrs	Up to 26hrs

※ Based on third-party test standards and may vary in actual use.
* Typical value tested under third-party lab conditions. Rated (minimum) capacity is less.
** Video playback time may vary depending on test conditions.

120 Hz Refresh Rate | 6.6" FHD+ sAMOLED | UPGRADE

- Experience cinematic scenes with stunning, true-to-life colors on the 6.6" Super AMOLED Display
- Incredibly smooth scene-to-scene transition of 120 Hz refresh rate lets you flow with the content

Galaxy A54 (GALAXY A55)

6.4" FHD+ Super AMOLED
Infinity-O Display, 120 Hz

Larger **3.1%**

Galaxy A55

6.6" FHD+ Super AMOLED
Infinity-O Display, 120 Hz

Galaxy A34 (GALAXY A35)

6.6" FHD+ Super AMOLED
U-cut Display, 120 Hz

Upgrade to Infinity-O

Galaxy A35

6.6" FHD+ Super AMOLED
Infinity-O Display, 120 Hz

Vision Booster | 1,000 nits (HBM)

Eye Care Display
SGS PERFORMANCE TESTED

Clear view in the dark

The **SGS eye care-certified** display reduces blue-light emissions ensuring your eyes stay comfortable while streaming contents at night

Even brighter in the daylight

Focus on favorite contents even in bright daylight with the **1,000 nits (HBM*) screen** and **vision booster****, which significantly increases outdoor visibility

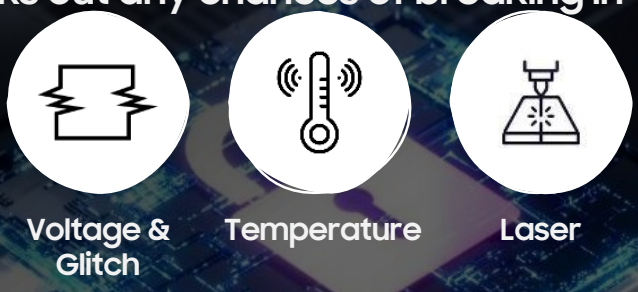
※ SGS is the world's leading testing, inspection, and certification company.
* HBM: High Brightness Mode
** Vision Booster: Tone mapping technology for enhanced visibility against strong illumination in outdoor circumstances

02. Awesome Durability

Samsung Knox Vault (EAL 5+* Certified)

- EAL5+* certified Samsung Knox Vault protects your personal information in a separate tamper-resistant hardware**
- As soon as external physical attacks*** are detected, Samsung Knox Vault instantly blocks out any chances of breaking in

Hardware attack defends against:



GALAXY A55 GALAXY A35

Authenticate in Knox Vault
PIN/ Pattern/ PW ****

Biometrics

Samsung Attestation Key

IP67

- IP67**** rating: the phone withstands up to 1 meter of fresh water for up to 30 minutes
- Resistant to dust and sand

End-to-end Encryption

UPGRADE

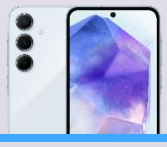
Your data is encrypted and securely stored in Samsung Cloud

5 Years Security Updates + 4x OS Updates

- Upgrade to the latest Android OS and experience the new, updated features
- Always keep your device safe with regular security updates

* EAL: Evaluation Assurance Level (CC, Common Criteria)
** Different from flagship, S & Z Series also protects Biometric data (fingerprint, facial) & Blockchain keystore, Strongbox Keymaster, etc.
*** Voltage & glitch detector, temperature detector, laser detector, and active shield removal detector
**** The Galaxy A55 I A35 is rated as IP67. Based on the requirements of the IEC 60529 standard in up to 1 meter of fresh water for up to 30 minutes safe against low water pressure only. Water and dust resistance of device is not permanent and may diminish over time because of normal wear and tear.
※ One UI 6.0: Back-up only/ One UI 6.1: Back-up & Sync

Spec Comparison



A55	A35	A25	A15	A05
6.6” FHD+ Super AMOLED Infinity-O 120 HZ 1,000nits (HBM)	6.6” FHD+ Super AMOLED Infinity-O 120 Hz 1,000 nits (HBM)	6.5” FHD+ Super AMOLED Infinity-U 120 Hz 1,000 nits (HBM)	6.5” FHD+ Super AMOLED Infinity-U 90 Hz 800 nits (HBM)	6.7” HD+ PLS LCD Infinity-U 90 Hz
(Main) 50 MP OIS Super HDR Video (UW) 12 MP (Macro) 5 MP (Front) 32 MP	(Main) 50 MP OIS Super HDR Video (UW) 8 MP (Macro) 5 MP (Front) 13 MP	(Main) 50 MP OIS (UW) 8 MP (Macro) 2 MP (Front) 13MP	(Wide) 50 MP (UW) 5 MP (Macro) 2 MP (Front) 13 MP	(Wide) 50 MP (Depth) 2 MP (Front) 8 MP
Exynos 1480 (4 nm Octa-core)	Exynos 1380 (5 nm Octa-core)	Exynos 1280 (5 nm Octa-core)	MT6835V/ZA (6 nm Octa-core)	MT6769 (12 nm Octa-core)
5,000 mAh 25W Fast Charging (Video Playback 28 hrs)	5,000 mAh 25W Fast Charging (Video Playback 26 hrs)	5,000 mAh 25W Fast Charging (Video Playback 21 hrs)	5,000 mAh 25W Fast Charging (Video Playback 21 hrs)	5,000 mAh 25W Fast Charging
8GB + 256 GB	6GB + 128 GB	6GB + 128 GB	4GB + 128 GB	4 GB + 64 GB 4GB + 128 GB
Rear: Glass Side: Metal (al)	Rear: Glass Side: Plastic	Rear: Glastic Side: Plastic	Back: Glastic Side: Plastic	Back: Glastic Side: Plastic
IP67	IP67	-	-	-

Thank You