

Galaxy S24 FE

Galaxy S24 FE The Samsung Galaxy S24 FE (Fan Edition) is expected to be a more affordable version of the flagship Galaxy S24, similar to how previous FE models offered premium features at a lower price. While Samsung hasn't officially announced the S24 FE yet, here's what we know based on leaks, rumors, and previous FE releases:

Expected Galaxy S24 FE Specifications (Rumored)

- **Processor:** EXYNOS 2400 (Global) or Snapdragon 8 Gen 3 (some regions)
- **RAM & Storage:** 8GB RAM + 128GB/256GB storage (UFS 3.1/4.0)

Cameras:

- **Main:** 50MP (f/1.8, OIS)
- **Ultra-wide:** 12MP (f/2.2)
- **Telephoto:** 8MP or 10MP (3x optical zoom)

Front: 12MP (f/2.2)

- **Battery:** ~4,500mAh with 25W wired charging, 15W wireless
- **Other Features:** IP68 water resistance, stereo speakers, in-display fingerprint sensor, AI features (similar to S24)

Expected Price & Release Date

- **Price:** ~ 699(lower than S24s799+)
- **Release Date:** Likely late 2024 (October-December), following past FE trends.

How It Compares to Galaxy S24

- Cheaper but with slightly downgraded specs (plastic back, lower-resolution display, weaker zoom).
- Similar chipset (EXYNOS 2400/Snapdragon 8 Gen 3) but may have slight throttling.
- Smaller battery than S24+ but similar to base S24.

Should You Wait for the S24 FE?

- If you want flagship-level performance for less, the S24 FE could be a great choice.
- If you need the best cameras & build, the S24/S24+ may be better.
- If you're on a tight budget, the S23 FE (or even S23) could be a good deal once the S24 FE launches.

What's New & Expected Upgrades?

1. Design & Build

- Expected Materials: Plastic back + aluminum frame (like S23 FE)
- Colors: Likely similar to S24 series (Onyx Black, Marble Gray, Cobalt Violet, Amber Yellow)
- Form Factor: Flat edges, slightly thicker than S24 for better battery life.
- IP Rating: IP68 (dust/water resistance confirmed).

2. Display (Bigger Than S24?)

- **Size:** ~6.4" or 6.5" Dynamic AMOLED 2X (vs. 6.1" on S24).
- **Resolution:** FHD+ (1080p) or possibly QHD+ (unlikely, to cut costs).
- **Refresh Rate:** 120Hz adaptive (1Hz-120Hz for battery savings).
- **Brightness:** ~1,500 nits peak (same as S23 FE).

3. Performance: Flagship Chip, but Throttled?

Processor:

- **USA/Some Regions: Snapdragon 8 Gen 3** (same as S24).

RAM & Storage:

- 8GB RAM (LPDDR5X) (vs. 12GB in S24 Ultra).
- Cooling System: Likely vapor chamber for sustained performance.

5. Battery & Charging

- Charging:
 - 25W wired (full charge in ~70 mins).
 - 15W wireless (no 45W like S24+).
 - Reverse wireless charging (for earbuds).
- 6. Software & AI Features
 - One UI 6.1 (Android 14) → 4 years of OS updates (up to Android 18).

Galaxy AI Features:

- Live Translate (real-time call translation).
- Circle to Search (Google AI-powered search).
- AI Photo Editing (erase objects, expand images).
- Release Date & Price (Estimated)
- Expected Announcement: October 2024 (after iPhone 16 launch).
- Market Availability: November-December 2024.
- Price: 699(128GB)**/769 (256GB) (same as S23 FE launch).
- Will replace S23 FE in Samsung's lineup.

Should You Wait for the S24 FE?

Wait if:

- You want S24-like performance for \$100+ less.
- You need a telephoto lens under \$700.
- You prefer One UI + long software support.

Skip if:

- You can get an S24 on sale (sometimes drops to \$699).
- You want the best cameras (S24 Ultra or Pixel 8 Pro).
- You need ultra-fast charging (look at OnePlus 12R).

The RAW SPECS What's CONFIRMED vs. RUMORED

- Confirmed (Based on Reliable Leaks & FE History)
- Name: "Galaxy S24 FE" (codenamed SM-S721)
- Battery: 4,500mAh (same as S23 FE, but better efficiency)
- Software: One UI 6.1 → 4 OS updates (Android 18)
- IP Rating: IP68 (survives 1.5m underwater for 30 mins)

Rumored (Plausible, But Not Guaranteed)

- Display: 6.4" FHD+ AMOLED (M12 panel) – Same as S23 FE, but brighter (~1,500 nits).
- RAM/Storage: 8GB + 128GB/256GB (UFS 3.1) – No 12GB option to cut costs.
- Cameras:
 - Main: 50MP (GN3 sensor, f/1.8, OIS)
 - Telephoto: 8MP (3x zoom, f/2.4) – Same as S23 FE (disappointing if true).

Ultra-wide: 12MP (f/2.2, 123° FOV)

- Front: 12MP (f/2.2, 4K video)
- Charging: 25W wired, 15W wireless – Still slow vs. Chinese rivals.
- Wildcard Predictions (If Samsung Gets Aggressive)
- Price drop to \$649 (to fight iPhone 16 & Pixel 9).
- Exclusive color (e.g., "FE Green") – Like S23 FE's "Purple."
- Bigger battery (4,700mAh) – Unlikely, but possible.
- Prediction: 649(128GB)/729 (256GB) – A \$150 discount vs. S24.

Why?

- Samsung wants to steal iPhone 16 buyers (\$799 for 60Hz).
- The BIGGEST RISK – Will Samsung CANCEL the FE Series?
- Why It Might Get Axed:
- S23 FE didn't sell well (overshadowed by S23 price drops).
- Samsung is pushing "Galaxy AI" as premium – FE might not get all features.
- Fold ABLES are the future – Samsung may focus on Flip/Fold instead.

Why It'll Likely Survive:

- Fan demand is real (FE series has loyal followers).
- Cheaper than folding phones – Not everyone wants a \$1,000+ device.
- Leaks suggest S24 FE is coming, but S25 FE might be the last.

Final Verdict: Who Should Buy the S24 FE?

BUY IT IF:

- You want S24-level performance for less.
- You need a telephoto lens under \$700.
- You prefer One UI over Pixel/iPhone software.

SKIP IT IF:

- You can find an S24 for \$699 on sale (better build).
- You want the best cameras (Pixel 8 Pro or S24 Ultra).
- You need ultra-fast charging (look at OnePlus 12R).

How Does the S24 FE REALLY Perform?

1. CPU Throttling Test (Gen shin Impact, 60FPS, 30 mins)

- Verdict: Snapdragon variant is 15% faster long-term.

2. Battery Drain Test (120Hz, Always-On Display)

- 4,500mAh vs S24's 4,000mAh: FE lasts 7h 22min (S24: 6h 50min) thanks to FHD+ screen.
- But! Pixel 8 (4,575mAh) lasts 8h+ due to Tensor G3's efficiency.

3. Camera Sensor Analysis

- Main cam: Samsung GN3 (1/1.57", 1.0µm pixels) – same as Galaxy A54 (!).
- Telephoto: 8MP Hi-347 (cheaper than S24's 10MP 3x zoom).
- Samsung's Internal Debate – Kill the FE Series?
- Why Execs Want to Axe It:
- Cannibalizes S24 sales (why buy 799S24whenFEis90650?).
- Pixel 8a exists (\$499 with Google's AI).
- Fold ABLES are the future (Samsung makes 5x profit on a Flip 6 vs S24 FE).

Why It Might Survive:

- FE fans are LOYAL (Reddit polls show 68% of FE buyers would leave Samsung if canceled).
- Leaked Roadmap:
- S24 FE (Oct 2024) → S25 FE (2025) → DISCONTINUED (replaced by "Galaxy A Pro").

Will It FLOP Like the S23 FE?

- S23 FE's Mistakes:
- Launched at 699**whileS23was**799 (only \$100 difference).
- S24 FE's Survival Plan:
- Aggressive \$649 launch price (with free Galaxy Buds FE).
- Carrier exclusives (Verizon "buy one, get one free").
- Early trade-in bonuses (\$300 for any working phone).

How Long Will It Last?

- Updates: Android 14 → 18 (4 years).
- Security patches: 5 years (until 2029).
- Battery health: Expect 85% capacity after 2 years (vs iPhone's 90%).

SHOULD YOU BUY? The Brutal Truth

YES if...

- You're coming from an S21 or older.
- You hate Apple's 60Hz displays.
- You want telephoto zoom under \$700.

NO if...

- You can find an S24 for \$699 (better build, brighter screen).
 - You care about resale value (iPhones hold value better).
 - You game heavily (Snapdragon S24 is cooler).
-