Galaxy Tab S12+ | Tab S12 Ultra

SAMSUNG

Advanced Processing with Advanced AI



The new Galaxy Tab S12 series combines premium quality with outstanding mobile performance. With the powerful 3nm MediaTek Dimensity 9500 processor and 149% faster NPU, both devices receive advanced AI capabilities for intelligent work. The large, super-bright Dynamic AMOLED 2X display offers a laptop-like user experience throughout the day. Both models receive up to 7 years of OS and security updates. The Galaxy Tab S12+ focuses on mobility with slimmer bezels and light design, while the Galaxy Tab S12 Ultra with its larger 14.6" display and premium features offers maximum productivity.

Galaxy Tab S12+ highlights

- 12.6" Dynamic AMOLED 2X Display with up to 1600 Nits, up to 120 Hz, 2800×1752 resolution
- MediaTek Dimensity 9500 Processor: 149% faster NPU, 48% faster CPU, 44% faster GPU
- Agentic AI with multi-step task automation, Ask Anything Browser, Automated App Actions
- 4-channel Spatial Sound through four high-quality speakers for surround experience
- 10600mAh battery with 45W Fast Charging
- Hexagonal S Pen included + Pro Keyboard & Book Cover Keyboard Slim compatible
- IP68[3] certification + up to 7 years of OS and security updates

Galaxy Tab S12 Ultra highlights

- 14.6" Dynamic AMOLED 2X Display with up to 1600 Nits, up to 120 Hz, 2960×1848 resolution
- MediaTek Dimensity 9500 Processor with 149% faster NPU – Agentic AI Performance
- Advanced AI capabilities: Multi-step Task Automation, Dynamic AI Agents, Creative Studio
- 4-channel Spatial Sound – immersive surround experience with four high-performance speakers
- 11600mAh battery with 45W Fast Charging
- IP68[3] certification + up to 7 years of OS and security updates

Powered AI for Intelligent Productivity

The 3nm MediaTek Dimensity 9500 processor with 141% faster NPU enables true Agentic AI capabilities. The Galaxy Tab S12+ and S12 Ultra autonomously execute complex multi-step tasks: book flights via Skyscanner and hotels via Trip.com with a simple voice command. The improved 3D Vapor Chamber provides reliable thermal control even with demanding workloads. Automated App Action simplifies repetitive tasks across multiple apps. Dynamic AI agents like Bixby, Gemini[1] and Perplexity can flexibly switch based on your needs. With the new Ask Anything feature, AI analyzes your current page and open tabs for immediate, context-aware answers.

Design Without Compromise

The Dynamic AMOLED 2X display with up to 1600 Nits brightness offers outstanding image quality in any light. The Galaxy Tab S12+ features improved form factor design: the display was enlarged from 12.4" to 12.6", the bezel reduced from 8.1mm to 7.9mm, while weight drops to just 553g. The ultra-slim Galaxy Tab S12 Ultra measures only 5.1mm and weighs 692g – making it the thinnest and lightest Tab Ultra ever. The Seamless Vision Booster adjusts brightness and contrast in real-time to ambient light. The beautiful premium design with aluminum chassis and Gorilla Glass 5 display offers stability without compromise.

Immersive Audio & Professional Creative Tools

The Galaxy Tab S12 Ultra offers 4-channel Spatial Sound through four high-quality speakers – a surround sound experience that surrounds you. Even 2-channel audio is converted to 4-channel sound for deeper immersion. Both models support premium apps like Adobe Photoshop, Notability, and Clip Studio Paint for professional creativity. The improved S Pen with hexagonal design offers natural writing and precise input. Samsung DeX enables multi-window workflows and Extended Mode offers up to four separate workspaces for extreme productivity. The new Galaxy AI Key on the Pro Keyboard and Book Cover Keyboard Slim instantly activates your preferred AI assistants[2].

[1] Gemini is a trademark of Google LLC. Requires an internet connection and logging into a Google Account. Only available for users 18 years and older.
[2] Certain AI features require an internet connection, a Samsung Account, or logging into a Google Account.
[3] Dust-resistant and water-resistant with permanent submersion at 1.5m water depth for max. 30 minutes in clear water only. No protection against saltwater and other liquids, particularly soapy water, alcohol and/or heated liquid. The SIM card/memory card slot must always close completely with the device so that water cannot enter through it.