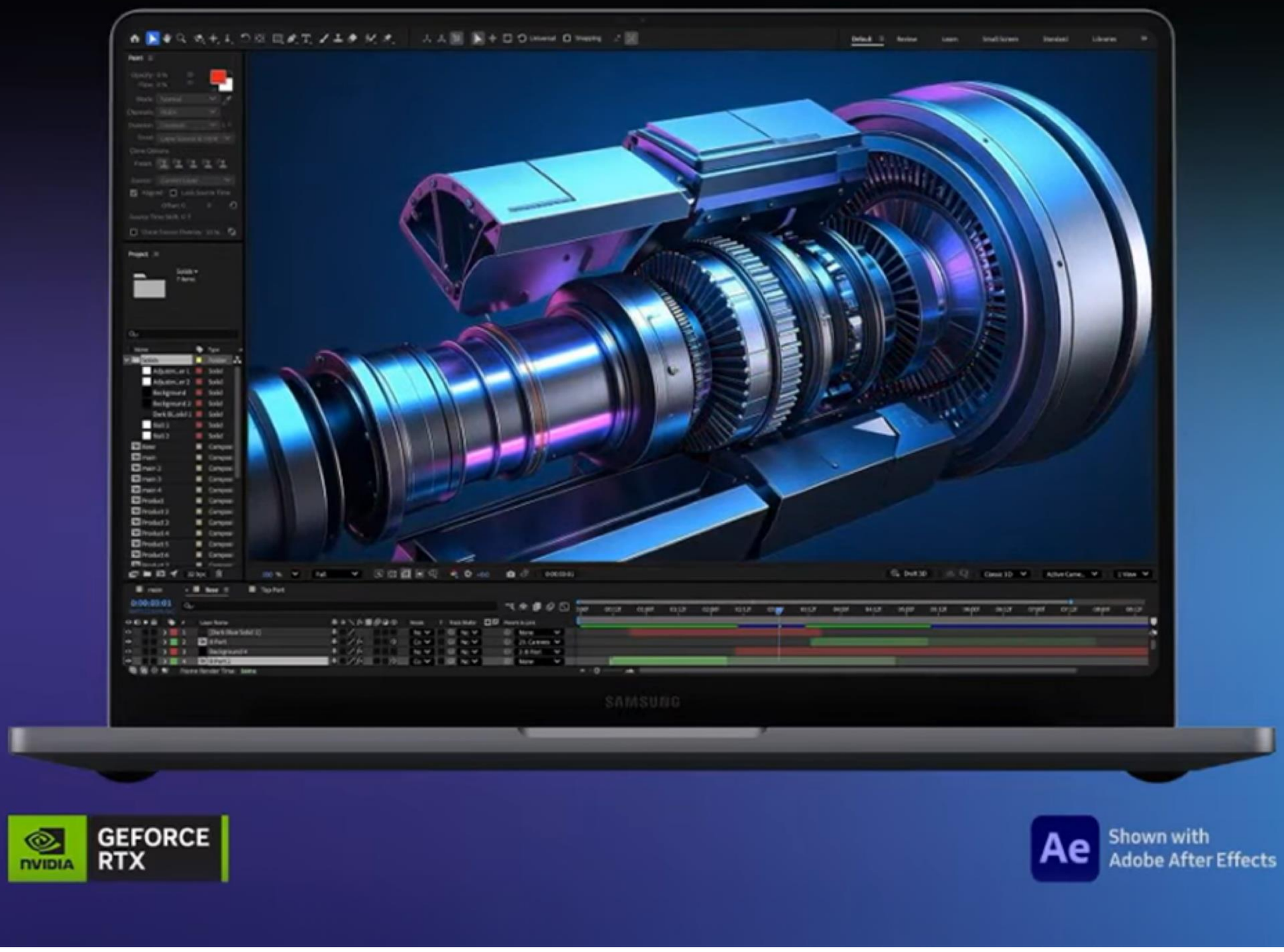


Samsung
Galaxy Book6 Ultra

Engineered to support you through your most demanding work,
supercharged premium computing meets AI powered productivity.

Connection®
we solve IT®

*Image simulated for illustrative purposes.



Samsung Galaxy Book6 Ultra

Samsung Galaxy Book6 Ultra, the most powerful model in the Galaxy Book6 series, is built with exceptional craftsmanship and engineered for professionals who demand excellence. It's the perfect choice for those seeking peak performance in a premium design on the go.

Ultra Slim Premium Design

Designed inside and out with premium materials, delivering style and durability.
Built slim to ensure flexible mobility for professionals on the move.

Powerful Performance

Experience the full power of the Galaxy Book6 series.
Engineered for intense tasks with next-level AI productivity and rich graphics.

Ready for Business

Devices are delivered with only Windows 11 Pro and essential drivers installed, with tailorable configuration options available for peak productivity.

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Design

Ultra modern, ultra sleek.

1 Thin and Light

Designed ultra-slim and light with slimmer hinge and bezel for ultimate portability.
6% thinner than the previous generation.



2 Versatile Ports

Designed for connectivity.
Advanced ports to connect to multiple devices and peripherals.



3 Premium Design

Designed with balance and perfect symmetry inside and out. Built with anodized aluminum for a durable and resistant premium finish.



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Display

Upgrade your work efficiency with Dynamic AMOLED 2X vivified by Samsung Display display.



VESA CERTIFIED DisplayHDR™

TRUE BLACK 1000

TrueBright™
TrueBright™ technology with black 0.0005nit provides 25%~188% greater perceived brightness than black 0.2nit, based on PCL
Samsung OLED

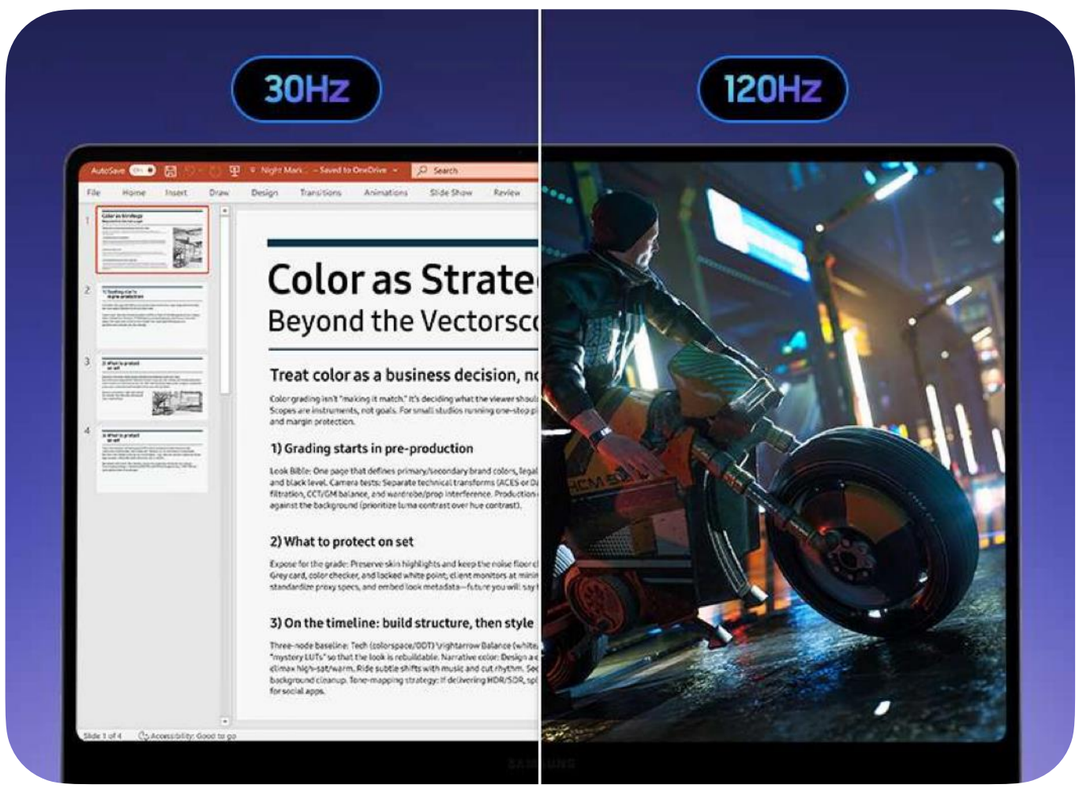
16:10 WQXGA+ AMOLED Display

Equipped with a brilliant screen displaying true-to-life colors with exceptional contrast ratio and up to 1,100 nits brightness.



Touchscreen Display

Experience the freedom of intuitive touchscreen controls at your fingertips. Run apps or move and edit images with a simple touch.



Variable Refresh Rate

Variable Refresh Rate from 30 Hz to 120 Hz optimizes frames according to the work you're handling for seamless and efficient screens.

*Image simulated for illustrative purposes.

Display





Vision Booster

Vision Booster analyzes lighting, environment, and content to automatically adjust screen brightness while intelligent tone mapping technology optimizes contrast and color for exceptional viewing.

Corning® Gorilla® Glass with DXC

Built for exceptional clarity and durability, Corning® Gorilla® Glass with DXC reduces glare by up to 75% compared to standard cover glass, allowing you to see clearly even when working in bright environments.

ClearMR 9000 Certified

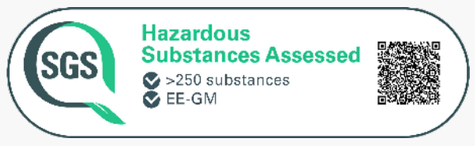
Work is made easier with AMOLED's rapid 0.2 ms response time delivering clarity in motion, reducing eye fatigue for uninterrupted focus.

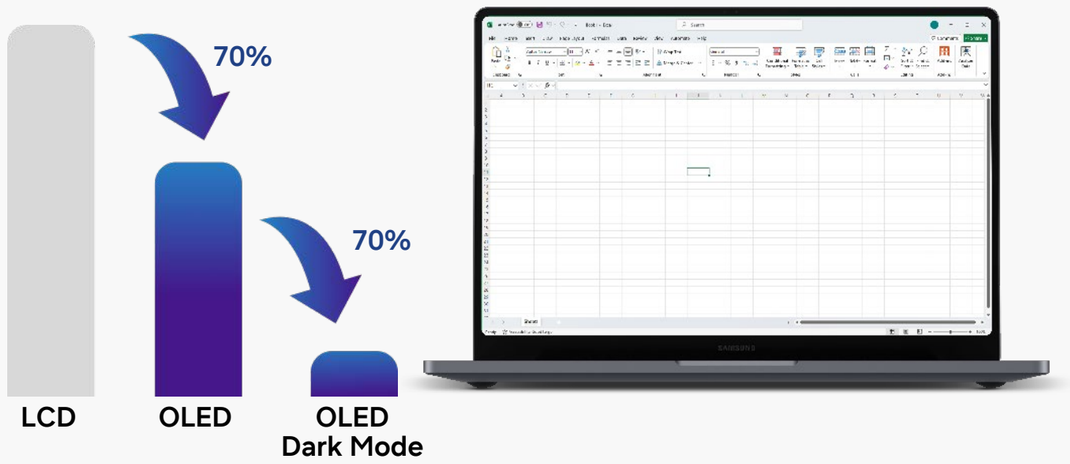


Better for You and the Environment

With reduced blue light exposure compared to LCD screens and SGS-certified against hazardous materials, Galaxy Book6 Ultra delivers peace-of-mind for everyday professionals.







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Chassis Views

Explore Galaxy Book6 Ultra.

Dimensions





Ports and Slots



1. HDMI 2.1
2. USB Type-C Thunderbolt™ 4
3. LED Indicator
4. SD Card Slot
5. 3.5mm Universal Audio Jack
6. USB Type-A 3.2 Gen 1

*Image simulated for illustrative purposes.

Technical Specification



Model	**Galaxy Book6 Ultra (16")**
Chassis Material & Color	Aluminum chassis in Gray color
Operating System	· Microsoft® Windows 11 Pro (clean OS with essential device drivers only)[1] · No preload OS options available
Processor	Intel® Core™ Ultra Processors (Series 3), 25 W base power · Intel® Core™ Ultra 9 386H vPro® (up to 4.9 GHz P-core Max Turbo frequency, 18 MB Intel® Smart Cache, 4 P-cores, 8 E-cores, 4 LPE-cores, 16 threads) with Intel® Graphics (4 Xe-cores) and Intel® AI Boost (50 NPU TOPS) · Intel® Core™ Ultra X7 358H (up to 4.8 GHz P-core Max Turbo frequency, 18 MB Intel® Smart Cache, 4 P-cores, 8 E-cores, 4 LPE-cores, 16 threads) with Intel® Arc™ graphics (12 Xe-cores) and Intel® AI Boost (50 NPU TOPS) · Intel® Core™ Ultra 7 356H (up to 4.7 GHz P-core Max Turbo frequency, 18 MB Intel® Smart Cache, 4 P-cores, 8 E-cores, 4 LPE-cores, 16 threads) with Intel® Graphics (4 Xe-cores) and Intel® AI Boost (50 NPU TOPS)
Chipset	Intel® SoC (System on Chip) platform
AI	Equipped with Intel® AI Boost NPU to deliver advanced AI experiences as a certified Copilot+ PC Galaxy AI powered productivity (AI Select, Intelligent Search)[2]
Galaxy Connected Experience	Multi Control, Second Screen, Nearby Devices, Storage Share, Quick Share, Camera Share[2]
Display	16.0" 16:10 WQXGA+ (2880 x 1880) Dynamic AMOLED 2X touch, Corning® Gorilla® Glass 5, 1,100 nits (peak) / 500 nits (typical) brightness, 1,000,000:1 contrast ratio, 0.2 ms response time, 100% DCI-P3 color coverage / 110% DCI-P3 (D65) color volume, anti-reflection, 176° wide viewing angle +/-88°/ 88°/ 88°/ 88°, 30-120Hz adaptive refresh rate, SGS Eye Care Display (Low blue light), VESA DisplayHDR™ True Black 1000, UL True Bright™, SGS Hazardous Substances Assessed
Graphics	Discrete graphics · NVIDIA® GeForce RTX™ 5070 Laptop GPU, 8 GB GDDR7 (up to 90 W TGP) with Intel® Core™ Ultra 9 386H or Intel® Core™ Ultra 7 356H · NVIDIA® GeForce RTX™ 5060 Laptop GPU, 8 GB GDDR7 (up to 90 W TGP) with Intel® Core™ Ultra 9 386H or Intel® Core™ Ultra 7 356H Integrated graphics (shared system memory) · Intel® Arc™ B390 graphics with Intel® Core™ Ultra X7 358H
Memory	Memory on package (non-expandable, dual-channel) · 32 GB LPDDR5x SDRAM 9600 MT/s with Intel® Core™ Ultra X7 358H[3] · 16 GB / 32 GB / 64 GB LPDDR5x SDRAM 8533 MT/s with Intel® Core™ Ultra 9 386H or Intel® Core™ Ultra 7 356H
Storage	Dual M.2 NVMe PCIe SSD slots (both slots are upgradeable) Primary SSD slot (up to 2 TB M.2 2280 NVMe PCIe Gen4 x4) · 512 GB M.2 2280 NVMe PCIe Gen4 x4 · 1 TB M.2 2280 NVMe PCIe Gen4 x4 · 2 TB M.2 2280 NVMe PCIe Gen4 x4 Expansion SSD slot (up to 2 TB M.2 2280 NVMe PCIe Gen4 x4) · Shipped empty
Security	Samsung Knox (NIST compliant secure embedded processor with PROT) Samsung Find (Offline Finding supported via Galaxy Find Network) TPM 2.0 (FIPS-140-2 & TCG certified) Microsoft Secured-core PC Windows Hello compliant touch fingerprint reader in power button Absolute Persistence®-ready (subscription required, sold separately)
Connectivity	Intel® Wi-Fi 7 BE211 (802.11be), Tri-band 2x2, 320 MHz, Up to 5.76 Gbps, Bluetooth® v6.0[4]
Input	Two-tone Pro Keyboard with backlight, spill-resistant, and dedicated AI hotkey Haptic touchpad with multi-touch gesture and intelligent palm rejection
Sensor	Hall sensor (lid open/close detection) Ambient Light Sensor (auto-brightness)
Camera	FHD (1080p) camera with staggered HDR support

Technical Specification



Audio	2 x top-firing tweeters (2 x 1 W) and 4 x bottom-firing woofers (4 x 2 W) Built-in high performance 24-bit ADC & 24-bit DAC Smart amplifier Dolby Atmos® 2 x noise suppression digital microphones
Port and Slot	2 x USB Type-C Thunderbolt™ 4 with Power Delivery 3.1 & DisplayPort 2.1 1 x USB Type-A 3.2 Gen 1 1 x HDMI 2.1 1 x SD card reader 1 x 3.5 mm headphone/microphone combo jack
Battery	4-cell 80.20 Wh (typical) Li-ion battery with super-fast charging (up to 63% in 30 minutes with 140 W USB Type-C Travel Adapter, up to 50% in 30 minutes with 100 W USB Type-C Travel Adapter)
Power	140 W USB Type-C Travel Adapter with discrete graphics (super-fast charging supported) 100 W USB Type-C Travel Adapter with integrated graphics (super-fast charging supported)
Dimension	Width: 14.05” (356.9 mm) Depth: 9.76” (248.0 mm) Height: 0.61” (15.4 mm) Screen-to-body ratio: 87.1%
Weight	4.17 lbs (1.89 kg) with discrete graphics 3.95 lbs (1.79 kg) with integrated graphics
In-the-box	140 W USB Type-C Travel Adapter with discrete graphics (availability may vary by country) 100 W USB Type-C Travel Adapter with integrated graphics (availability may vary by country) USB Type-C Data Link Cable Quick Start Guide
Eco-label and Reliability	ENERGY STAR® certified, EPEAT® registered, TCO Certified, RoHS compliant, MIL-STD-810H tested
Warranty and Service	1-year standard limited warranty (including battery)[5] Optional up to 5-year extended warranty and extra protection via Samsung Care+ for Business Optional factory-driven Galaxy Book Configuration Services[6]
Note	1) The device is shipped with Windows 11 Pro, featuring only essential device drivers, Samsung Settings, and a Microsoft 365 trial version. 2) AI Select and Galaxy Connected Experience applications are not pre-installed and must be downloaded separately after purchase via Galaxy Book Experience application on the Microsoft Store. 3) A minimum of 32GB system memory is highly recommended for systems equipped with Intel® Arc™ graphics to ensure optimal performance. 4) To enable Wi-Fi 7, a Wi-Fi 7 certified router and the latest drivers are required. Service availability may be limited in select locations. Router requires a separate purchase. The Bluetooth version reported by the system may differ depending on the current operating system. 5) Standard warranty may vary by country or region. 6) A minimum order quantity (MOQ) of 500 units is required. · Availability of models, options, and included components (such as the AC adapter) may vary by country or region. · Specifications are subject to change without notice. Please consult your local sales representative for the exact configuration available in your area.

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