



NB S510AD RAI5-340 15 16GB/256GB W11P SX176A3SSPXX GETAC



Model: SX176A3SSPXX

Manufacturer: GETAC

Product Code: 552508

R68,205 ~~R80,370~~

NEXT-GEN RUGGED INTELLIGENCE

The S510AD is a rugged Copilot+ PC built for the field, powered by an NPU with up to 50 TOPS for advanced AI tools. From real-time voice control and multilingual interaction to workflow automation, it helps you work faster and smarter, today and for years to come.

UNLOCK TRANSFORMATIONAL AI CAPABILITY

Powered by AMD Ryzen™ AI 5 340 / 7 350 processors and AMD Radeon™ 800M graphics, the S510AD delivers smooth multitasking and high-quality visuals. Built for demanding industries such as automotive, utility operations, and field service, its edge-ready AI enables real-time diagnostics, intelligent automation, and secure offline processing, allowing for faster decisions and greater operational efficiency even in remote or connectivity-limited environments.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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PURPOSE-BUILT FOR THE FIELD

See more and do more away from your desk. The spacious 15.6" Full HD screen delivers 1,000 nits of brightness for comfortable reading in direct sunlight. Dual hot-swappable batteries help ensure extended use and uninterrupted operation during swaps. The large touchpad and optional multitouch screen deliver smooth operation, even with gloves and in varying temperature conditions. Whether you're inspecting infrastructure or managing assets in remote locations, the S510AD delivers the rugged reliability field professionals need. Whether you're inspecting infrastructure or managing assets in remote locations, the S510AD delivers the rugged reliability field professionals need.

CONFIGURABLE AND CONNECTED

Built to integrate seamlessly into demanding industrial workflows, the S510AD offers cutting-edge wireless connectivity, including Wi-Fi 7, Bluetooth® 5.4, optional dual-SIM 4G LTE/5G Sub-6, and dedicated GPS for precise location tracking. For wired performance, standard 10/100/1000 Base-T Ethernet is joined by optional 2.5GBASE-T Ethernet. Up to two USB4 Type-C ports enable high-speed data transfer, peripheral charging, and expanded device compatibility. Legacy ports such as RJ45 LAN and an optional Serial (9-pin D-sub) offer compatibility with existing equipment. The optional rugged USB Type-C cable, with a secure, lockable design, delivers stable data transfer and helps prevent accidental disconnection, giving technicians the reliability they need during critical diagnostic work.

ENHANCED ENTERPRISE SECURITY

The S510AD keeps your data locked down, wherever work takes you. Multifactor authentication combines Windows Hello facial recognition, AMD PRO Technology, and optional smart card, fingerprint, and RFID readers for uncompromising access control. Its user-removable, self-encrypting SSD protects information during storage, transport, or servicing. Getac Secure Erase securely erases SSD data to meet industry standards, safeguarding it from unauthorized recovery. With enterprise-grade manageability and full compliance with modern security standards, IT teams stay in control while your data stays protected.

RESPONSIBLE RUGGEDNESS

S510AD raises the sustainability bar for rugged laptops. It's MIL-STD-810H and IP53 certified against water, dust, strong vibrations, 3-foot drops, challenging temperatures, and more, all with a chassis

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comprised of 45%+ post-consumer recycled (PCR) materials, which reduces energy consumption, carbon emissions, and e-waste in its supply chain while putting its design sustainability among the best rugged laptops on the market.

Summary: Getac S510AD. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ AI 5, Processor model: 340. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 840M. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 2.35 kg | Vendor Homepage: <https://www.getac.com/intl/products/laptops/s510ad/> | Product type: Laptop | Product colour: Black | Form factor: Clamshell | Rugged design: Yes | Display diagonal: 15.6 | Display resolution: 1920 x 1080 | Panel type: LCD | HD type: Full HD | Display brightness: 1000 | Processor manufacturer: AMD | Processor family: AMD Ryzen™ AI 5 | Processor generation: AMD Ryzen AI 300 Series | Processor model: 340 | Processor cores: 6 | Processor threads: 12 | Performance cores: 3 | Efficient cores: 3 | Performance-core Max Turbo Frequency: 4.8 | Efficient-core Max Turbo Frequency: 3.4 | Performance-core base frequency: 2 | Efficient-core base frequency: 2 | L3 cache: 16 | L2 cache: 6 | Maximum turbo power: 54 | Processor base power: 28 | Copilot+ PC: Yes | Neural processor unit (NPU): AMD Ryzen AI | Total processor performance up to: 59 | NPU performance up to: 50 | Internal memory: 16 | Internal memory type: DDR5-SDRAM | Maximum internal memory: 64 | Total storage capacity: 256 | Storage media: SSD | Number of SSDs installed: 1 | SSD capacity: 256 | NVMe: Yes | SSD interface: PCI Express | Optical drive type: No | Discrete graphics card: No | Discrete graphics card model: Not available | On-board GPU manufacturer: AMD | On-board graphics card: Yes | On-board graphics card family: AMD Radeon | On-board graphics card model: AMD Radeon 840M | Number of built-in speakers: 2 | Built-in microphone: Yes | Front camera: Yes | Front camera resolution (numeric): 5 | Top Wi-Fi standard: Wi-Fi 7 (802.11be) | Wi-Fi standards: Wi-Fi 7 (802.11be) | Ethernet LAN: Yes | Ethernet LAN data rates: 10/100/1000 | Bluetooth: Yes | Bluetooth version: 5.4 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 1 | Ethernet LAN (RJ-45) ports: 1 | HDMI ports quantity: 1 | HDMI version: 2.0 | Combo headphone/mic port: Yes | Docking connector: Yes | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 1 | Pointing device: Touchpad | Keyboard backlit: Yes | Numeric keypad: No | Operating system installed: Windows 11 Pro | Battery capacity: 6900 | Battery voltage: 10.8 | AC adapter power: 65 | AC adapter input voltage: 100-240 | Cable lock slot: Yes | Cable lock slot type: Kensington | Windows Hello: Yes | Trusted Platform Module (TPM): Yes | Trusted Platform Module (TPM) version: 2.0 | Operating temperature (T-T): -29 - 63 | Storage temperature (T-T): -51 - 71 | Operating relative humidity (H-H): 0 - 95 | Storage relative humidity (H-H): 0 - 95 | Drop

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proof: 90 | Width: 375 | Depth: 277 | Height: 39 | Weight: 2350 | AC adapter included: Yes | Unit
Calculated Weight: 5 | Product Net Weight: 2.35 | Unit Calculated Volume: 0.0045 | Units per
Shipping Box: 1 | Name: NB S510AD RAI5-340 15" 16GB/256GB W11P SX176A3SSPXX GETAC |
Operating System: Windows 11 Pro | CPU Model Number: 340 | CPU Family name: AMD Ryzen AI 5

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