



15.6-inch Single-Screen Rugged Laptop

MILBOOK® FS-1560L



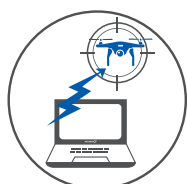
Product Features

- 15.6-inch sunlight-viewable LCD screen; 1920 x 1080 resolution
- 13th Gen Intel Core i9 high-performance processor
- Built-in large-capacity lithium battery
- Rich I/O interfaces with dust-proof covers
- Casing out of milled aluminum (CNC)
- Discrete graphics card

Product Description

This laptop integrates rich I/O expansion ports and an excellent cooling system. It is equipped with a high-performance 15.6-inch HD anti-glare LCD. The product offers strong scalability and customizable services to meet diverse needs. It easily integrates third-party software and hardware. It is the ideal solution for military, public safety, field service, and other special applications.

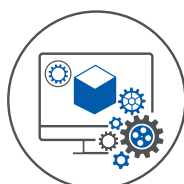
Application Scenarios



C-UAS Command
& Control Station



Traffic & Fire
Emergency Command



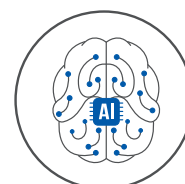
Engineering
Design



UAV Ground
Control Station



Programing
Development



Artificial
Intelligence

Technical Specifications

Basic Information

CPU	Intel Core i9-13900H 13 th Gen 14 Cores 20 Threads Max Turbo Frequency 5.4 GHz
Operating System	Windows 11 Pro
Display	15.6-inch High-resolution Screen (1920 × 1080), 1000 nits, Anti-glare Protective Screen, Gorilla Glass TP
Camera	Front 5.0 MP

Graphics Card

Discrete Graphics	NVIDIA RTX 4060 8 GB
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Memory

DDR4	32 GB, max 64 GB
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Hard Drive

M.2 Solid State Drive (SSD)	Standard 512 GB, option up to 8 TB
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Indicator Lights

Indicator Lights	Power Indicator Light Battery Indicator Light Hard Drive Indicator Light Keyboard Caps Lock Indicator Light
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I/O Interfaces

Power Port	1 × 24V Lemo Aviation Connector
Display Port	1 × HDMI Port
Gigabit Ethernet	2 × RJ45 10/100/1000 Mbps Auto-adaptive
USB	1 × USB 2.0; 3 × USB 3.0 (or 4 × USB 3.0)
Serial Port	2 × RS232
SIM Card Slot	Can support 4G (5G optional)
SD Card Slot	Support card up to 512 GB

Audio & Video

Audio Output	Built-in 2 × Speakers
Audio Input	Built-in 1 × Array Microphone

Communication

Wired	10/100/1000 Mbps LAN
Wireless	Wi-Fi 6, BT5.1, 4G/5G

Power Supply

Adapter	Customized Aviation Plug Adapter Power IN 230 V AC, power OUT 24 VDC Power Consumption ≥ 280 W
Battery	Lithium-ion Battery 14.8 V/10000 mAh Typical Battery Life up to 3 Hours

Device Specifications

Dimensions	390 × 273 × 49 mm (Excluding Corner Protectors and Handle)
Weight	Approx. 4.2 kg (Subject to Actual Product)
Color	Black / Green

Operating Environment

Operating temperature	-20 °C to +55 °C up to 60 °C
Storage temperature	-40 °C to 65 °C
Humidity	5% - 95% Non-Condensing

Protection Level

Rugged Features	IP65 (Waterproof & Dustproof)
	MIL-STD-810H: Vibration & Drop
	Drop tests up to 4 feet (122 cm)
	Casing out of milled aluminum (CNC)



AP-FLYER Sp. z o. o.
Żegańska 2d St.
04-713 Warsaw, POLAND
+48 22 613 0487, info@milbook.pl
www.milbook.pl, www.ap-flyer.pl/en

