Chip PC AIbook AMD

Smart, Secure, and AI-Optimized Laptop

The Chip PC AIbook AMD is a high-efficiency, business-grade laptop designed to deliver powerful performance, extended battery life, and modern connectivity — all in a sleek and lightweight form factor. Engineered for enterprise environments and mobile professionals, this laptop is powered by the **AMD Ryzen™ 5 7430U** processor, featuring 6 cores and 12 threads, offering excellent multitasking and energy efficiency.

The **14.0" Full HD IPS LED Anti-Glare display** with a **1920x1080 resolution** and **250 nits brightness** ensures crisp visuals and reduced eye strain, even in brightly lit workspaces. Its **eDP interface** guarantees efficient power usage and fast display performance.
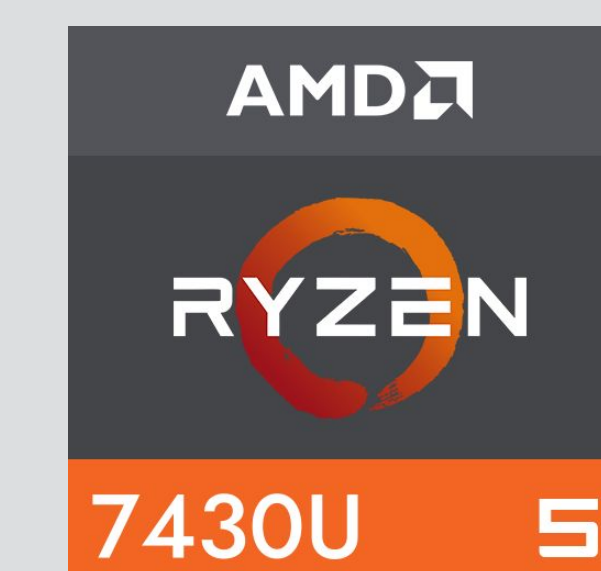
Equipped with **16GB DDR4 RAM (3200MHz)** via dual memory slots, the AIbook AMD delivers smooth performance across productivity applications and multitasking scenarios. Storage includes a **256GB M.2 PCIe NVMe SSD**, expandable up to **2TB**, allowing fast boot times and ample space for business files and software.

For connectivity, the device supports **Wi-Fi 6 (802.11AX) Dual Band** and **Bluetooth 5.2** for reliable wireless connections. A **Gigabit RJ45 Ethernet port** is also included for wired networks. Ports include **1 x HDMI 1.4**, **2 x USB-A 3.2**, and **1 x USB Type-C (Full Function: Display, Charging, Data)** — providing seamless external device integration and docking capability.

Security is built-in with **fTPM 2.0** encryption, and **optional 4G LTE (Nano SIM)** is available for mobile broadband connectivity. The device also includes a **built-in webcam**, **combo audio jack (mic + speaker)**, and **dual stereo speakers** for professional video conferencing.

Powered by a **45.6Whr (or larger) battery**, the AIbook AMD ensures reliable usage throughout the workday. The **clickpad touchpad** offers smooth and precise navigation. Charging is handled by a standard **110V–220V adapter**, and docking is supported via USB-C.

Each AIbook AMD comes with a **custom-padded carrying case**, equipped with an **adjustable shoulder strap** and **padded back panel** — perfect for mobile professionals seeking performance and portability in one robust solution.

AMD RYZEN 7430U 5

Windows 11

Reliable and Fast Performance

Powered by the **AMD Ryzen™ 5 7430U** processor with 6 cores and 12 threads, the Chip PC AIbook AMD delivers outstanding performance for multitasking, enterprise software, and demanding workloads. With **16GB DDR4 RAM** and a **256GB PCIe NVMe SSD**, the system ensures rapid responsiveness and smooth operation. Storage can be expanded up to **2TB**, adapting easily to future business needs.

◆ High-Quality Display for a Comfortable Viewing Experience

The AIbook AMD features a **14-inch Full HD IPS LED anti-glare display**, providing a **1920x1080 resolution** and **250 nits brightness or more**. Whether in office lighting or natural light, the screen delivers crisp clarity while reducing reflections — ideal for long hours of focused work with minimal eye strain.

◆ Advanced Connectivity for Maximum Productivity

Stay connected and efficient with a full suite of connectivity options: ✔ **Wi-Fi 6 (802.11AX)** and **Bluetooth 5.2** for fast and stable wireless connections
✔ **RJ45 Gigabit Ethernet port** for high-speed wired networking
✔ **2 x USB-A 3.2** and **1 x USB-C Full Function** (Data, Display, Charging)
✔ **HDMI 1.4 output** for external display support

The AIbook AMD supports **multiple external monitors** via HDMI and USB-C, making it a powerful choice for multi-screen professionals.

◆ Enhanced Security for Maximum Protection
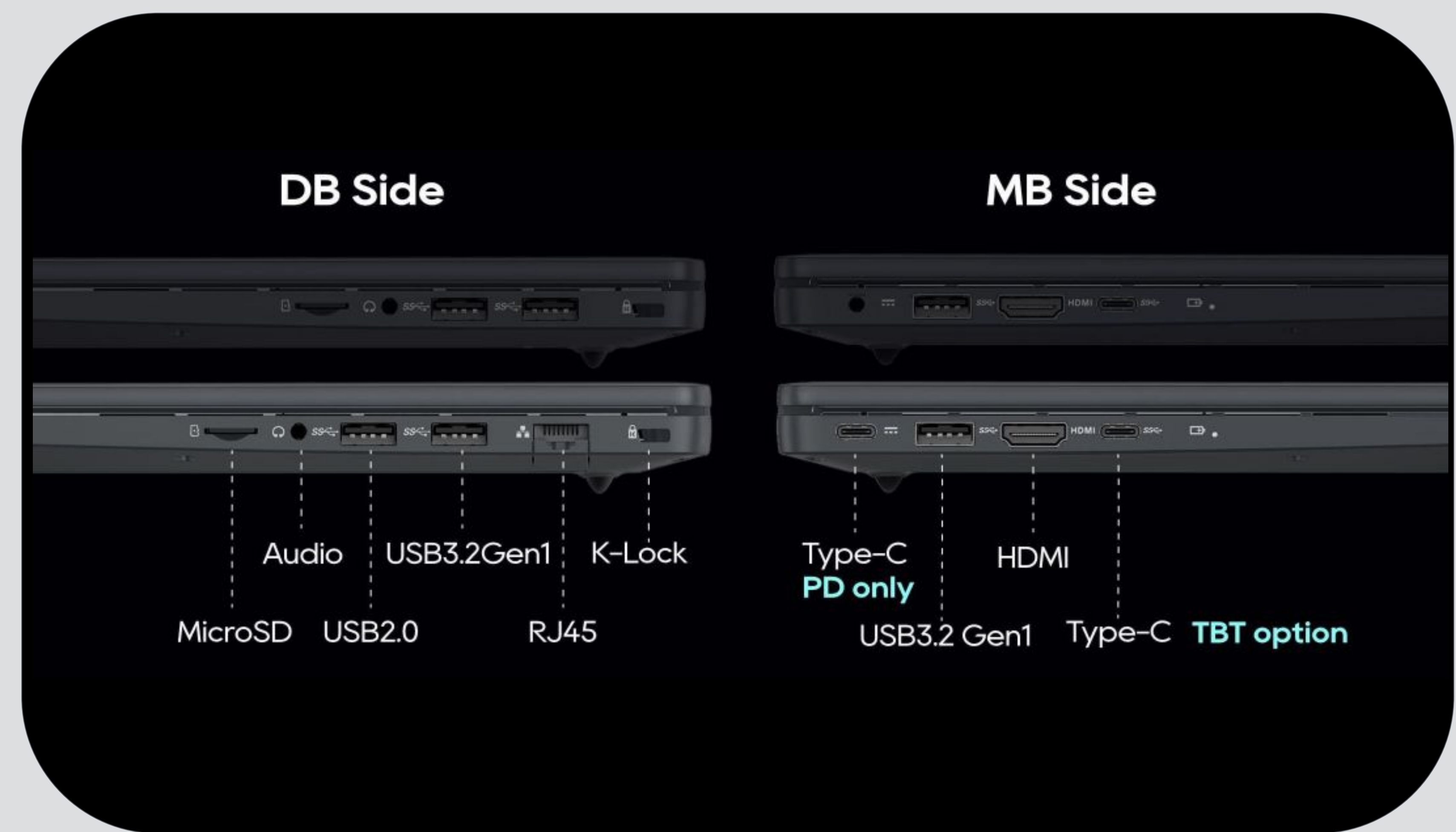
The AIbook AMD integrates robust security features:
✔ **fTPM 2.0** for trusted encryption and secure boot
✔ **Optional 4G LTE modem** (Nano SIM) for secure on-the-go connectivity
✔ **Webcam privacy shutter** to protect against unauthorized access

BUILT-IN PWM POWERFUL FAN
Effectively handle high-intensity heat dissipation problems

2×4Ω 2W/ 8Ω 1W
Hi-Fi speaker

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TECHNOLOGIES

Display	SIZE : 14.0"(16:9), EDP TYPE: LED RESOLUTION:FHD / HD Hinge open angle 180°
Processor	AMD Ryzen™ 5 7430U
GPU	iGPU : Radeon™ Vega 7
Operating System	Windows 11 Pro - Support Linux – Support Windows 10 IoT
Storage	256GB M.2 NVMe (installed), expandable up to 2TB Slots :1*M.2 2280 PCIE X4.0 SSD
Memory	16GB RAM DDR4 (installed) 2 x SODIMM DDR4 slots, expandable up to 32GB RAM
Camera	2.0 M
Input / Output ports	**MB SIDE** 1 x Power Button 1* Type C（Optional PD only）or Charge IO 1*Ø3.5*1.35mm 1 x USB3.2 Gen1 1 x Type C (DP,PD,Data,charger or Data only） 1 x HDMI 1.4 **DB SIDE** 1 x RJ45 1 x Combo 1 x TF Card 1 x USB3.2 Gen1 1 x USB 2.0
Resolution	HDMI -Up to 4096x2160@60Hz (4K)
Audio	Stereo Audio Output – 3.5mm combo audio/microphone jack Speakers: 2 x 4Ω 2W Audio Codec: ALC269-VC3 Microphones: 2 x Digital Microphone (D-MIC) in Camera Module
Network	RJ 45 : 10:100:1000 Intel® WiFi 6 (802.11ax)- Dual Band: 2.4GHz+5GHz & Bluetooth Version 5.2 4G LTE support
Battery	Li-polymer Battery 7.6V/ 6000mAh 45.6Wh
Dimensions	322.6*210.2*19.8mm
weight	<1.55kg
Power	Device input: 100～240VAC@50/60HZ Device Output: 19VDC/2.1A external power adapter
Warranty	One year hardware warranty

DB Side — MicroSD, Audio, USB2.0, USB3.2Gen1, RJ45, K-Lock

MB Side — Type-C PD only, USB3.2 Gen1, HDMI, Type-C TBT option

UPC	Operating System	Part#	Model / Description
818391009928	Windows 11 PRO	CPN07592	AiBook S Windows 11 PRO Intel® Core™ AMD Ryzen™ 5 7430U Processor 12M Cache, up to 4.60 GHz 256 SSD/16GB RAM

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