MINI-PC Minis Forum NAB6 Lite Intel Core i5-12600H, barebone

Model: NAB6 Lite-B

Manufacturer: MINIS FORUM

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Product Code: 1714030

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Mini PC Minis Forum NAB6 Lite Intel Core i5-12600H, barebone

The MinisForum NAB6 Lite is a compact barebone PC designed for users who want to choose their own components without compromising on performance. Inside it runs an Intel® Core™ i5-12600H processor with 12 cores and 16 threads, reaching up to 4.5 GHz. This configuration provides plenty of computing power for office, engineering, programming or multimedia applications. The integrated Intel® Iris® Xe graphics chip supports 4K resolution video, and two SODIMM slots support up to 64 GB of DDR4 memory. The device also offers an M.2 PCIe 4.0 SSD port (up to 2TB) and space for a 2.5″ SATA drive, allowing you to create a configuration perfectly suited to your needs. Stable operation under load is ensured by a state-of-the-art cooling system with two heat pipes and a dual air outlet. The chassis features two RJ45 2.5 Gb Ethernet ports and multi-functional USB-C ports with

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Power Delivery support for easy device connection and network integration. Note: the device does not come with Windows installed.

Next-generation Intel® Core™ i5-12600H processor

The Minis Forum NAB6 Lite Mini PC is equipped with an Intel® Core™ i5-12600H processor with 12 cores and 16 threads, clocked at up to 4.5 GHz. This is a next-generation unit, providing 24% better single-threaded performance and up to 60% better multi-threaded performance compared to its predecessor, the i5-11500H. As a result, the computer can easily cope with running multiple applications in parallel, image processing, code compilation or high-definition video editing. The user gains smooth operation, faster system response time and greater efficiency in everyday tasks.

Versatile ports for every application

The computer offers a rich set of ports so you can easily connect all the necessary devices. On the front, you'll find a USB-C 3.2 Gen 1 port for high-speed data transfer, two USB-A 3.2 ports, a 3.5mm Combo Jack audio input and a DMIC microphone input for easy daily use with accessories and headsets. On the back are another two USB-A 3.2 ports, two RJ45 2.5 Gb Ethernet ports for stable network connectivity, two HDMI ports, and USB-C 3.2 with DisplayPort support (video only). This arrangement of ports provides convenient access and full flexibility - from connecting multiple 4K monitors to fast data copying or creating professional workstations.

Maximum connection flexibility

The device provides exceptional freedom of workstation configuration. Thanks to a rich set of ports, you can connect multiple peripherals and up to four monitors at the same time, significantly increasing efficiency for video editing, design, programming or data analysis. Two RJ45 2.5 Gb Ethernet ports guarantee a fast and stable network connection, and display support via a single USB-C cable simplifies cabling and desktop maintenance. The NAB6 Lite's compact design also allows it to be mounted on the back of a monitor, so the computer can easily fit into any workspace - at home, in the office or in the studio.

New cooling system for stable operation

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A new, optimized cooling system effectively keeps components cool even under intense load. Two heat pipes and two air outlets ensure efficient heat dissipation from the processor and other components, resulting in long-lasting, stable computer operation. The design also includes an active SSD heatsink and a side ventilation duct to increase cooling efficiency and protect the drive from overheating. As a result, the NAB6 Lite retains its high performance for both everyday office tasks and environments that require the device to work constantly.

Easy expansion without tools

MinisForum NAB6 Lite (barebone) is a computer designed for users who like to have full control over hardware configuration. The case can be opened without the use of any tools - a light press on the top panel is enough to access the inside of the device. Inside there are two SODIMM DDR4 (3200 MHz) slots supporting up to 64 GB of RAM, as well as an M.2 PCIe 4.0 SSD slot, where you can install a drive of up to 2 TB. It's ideal for people who want to select components themselves and build a mini PC exactly as they need it - with no limitations and no compromises.

Included:

- Mini PC
- Power supply
- Power cable
- HDMI cable
- Screws
- VESA mount
- User manual

Manufacturer	Minis Forum
Model	NAB6 Lite (barebone version)
Processor	Intel® Core™ i5-12600H, 12 cores / 16 threads Cache memory: 18 MB Clock frequency: up to 4.50 GHz
Graphics chip	integrated Intel® Iris® Xe Graphics

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Memory	SODIMM × 2 slots, support up to 64 GB - self-installable memory
Storage	M.2 2280 PCIe 4.0 SSD (up to 2 TB) - self-installable drive
Expandable	SATA 3.0 (6.0 Gbps) - 1 slot for 2.5″ HDD
Wireless connectivity	M.2 2230 slot with Wi-Fi and Bluetooth support - self-installable module
Video outputs	HDMI (4K @ 60 Hz) × 2 USB-C (4K @ 60 Hz) × 2
Audio outputs	HDMI × 2 3.5 mm (Combo Jack) × 1
Ports and interfaces	RJ45 2.5 Gigabit Ethernet × 2 USB 3.2 Gen 1 USB-C × 1 (data only, front) USB 3.2 USB-C × 1 (DisplayPort only) USB 3.2 USB-C × 1 (Alt DP + data + PD Out) USB 3.2 Gen 2 USB-A × 4 HDMI × 2 DMIC × 1 3.5 mm Combo × 1 Clear CMOS button × 1
Power supply	DC 19 V power adapter (included)
Operating system	No pre-installed system

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