



DATA SHEET

A7 (AMD Ryzen™ 5000 Series)

GIGABYTE™

GAMING

A7 (AMD Ryzen™ 5000 Series)

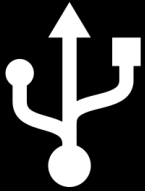
Product Overview



39.6cm

3.2 cm

26.2 cm



1x USB2.0 Type-A
1x USB3.2 Gen1 Type-A
1x USB3.2 Gen2 Type-A

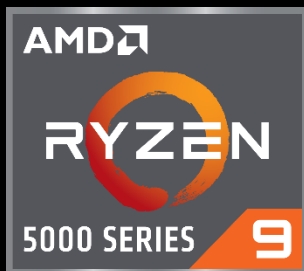


1x HDMI 2.0(with HDCP)
1x Mini Display 1.4
1x DisplayPort 1.4 Type-C over USB 3.2 Gen 2



1x Audio combo jack
1x Microphone jack
1x DC-in Jack
1x RJ-45

- AMD Ryzen™ 9 5000 Mobile Processors HX-Series
- NVIDIA® GeForce RTX™ 30 Series
- Light & Mobility 2.5 Kg
- Exclusive WINDFORCE Cooling
- Features 3 Storage Slots
- Next-Gen Wi-Fi 6 Connection
- FHD IPS-level Anti-glare Display
- 144Hz High Refresh Rate Panel
- 72% NTSC Wide Color Gamut
- 3mm Ultra-thin Bezel
- 1+3 Multi-Display Output
- Nahimic 3 3D Audio for Gamers



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Visual

IPS-level 144Hz Display

The A7 comes equipped with 144Hz gaming display which covers 72 % NTSC color gamut that can bring out more vivid gaming colors. The 144Hz high refresh rate can take away motion blur and leave a perfectly smooth visual experience. A clear glance of the enemy is the key to victory!



3mm Ultra-thin Bezel

The A7 is equipped with a large 17.3" 144Hz display, yet with the ultra-thin bezel design, which can reduce the chassis size, resulting in a body that is not much larger than a regular 15" model. Take one of the most powerful laptop with you without sacrificing visual sensation and mobility.



1+3 Multi-tasking Power

With DP, Mini DP and HDMI connectors, A7 supports 3 external display connectivity. This is the only station you need for work and all your entertainment media consumption.



A7 (AMD Ryzen™ 5000 Series)

Performance

AMD Ryzen™ 9 5000 Mobile Processor (H-Series)

Built with the latest breakthrough 7nm processor technology, AMD Ryzen™ 9 5900HX mobile processor is the most advanced laptop processor in the world that delivers bleeding edge efficiency while remaining cool and quiet.



New GeForce RTX 30 Series Graphics

Powered by Ampere: NVIDIA's 2nd gen RTX architecture, NVIDIA® GeForce RTX™ 30 series graphics supports real-time ray tracing, artificial intelligence, and programmable shading, bringing gamers a whole new gaming/ working experience.



WINDFORCE : Powerful Cooling

Powerful performance comes through powerful cooling system. Thanks to the new design, A7 provides better cooling heat dissipation efficiency compared with previous generation.



Performance Setting at Your Command

Gamers can easily set up different modes and macro keys for each game and maximize in-game performance to its best!



A7 (AMD Ryzen™ 5000 Series)

Thoughtful Design

Wi-Fi 6 Technology: More Stable Without Lag

The A7 comes with the latest Intel® Wireless-AX200, supporting Wi-Fi 6 that comes with 2.4GHz and 5GHz dual band, dual channel feature. Plus Bluetooth 5.0, G7 provides blazing speed performance whether indoors or outdoors.



Versatile I/O and Sweet Design

The A7 are not restricted by its thin and light chassis, offering more connection port options than its competitors. It comes with HDMI 2.0 and Mini DP 1.4 for image outputs and USB 3.2 Type-C (support DP 1.4).

With the image output ports on the rear, A7 makes cable management easy and leaves you with a clean setup. Move your mouse without any restriction from now on.



TYPE C

Mini-
DisplayPort



HDMI

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Control

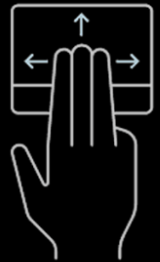
RGB Backlit Keyboard: Dance with Your Fingertips

The A7 keyboard comes with full area 15-color backlight, giving you the ability to customize the lighting effects to express your personal style.



Windows® Precision Touchpad for Precise Control

The A7 features windows precision touchpad which supports registering multiple touch inputs.



Audio

NAHIMIC 3 3D Sound Immersion for the Soul

NAHIMIC 3 is the next gen 7.1 virtual surround sound innovation that provides outstanding sound experience and performance. From gaming to conference calls, the NAHIMIC 3 brings true 3D surround effect that can be tuned easily with the provided software to suit any environment for the perfect sound experience.

Nahimic



Surround Sound



Device Compatibility



Sound Tracker

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GAMING

A7 K1-BDE1150SB (AMD Ryzen™ 5000 Series)

EAN 4719331831295

Model	A7 K1
OS	Windows 11 Home
CPU	AMD Ryzen™ 7 5800H Mobile Processor 3.2-4.8GHz
Display	mattes 17.3" 144Hz FHD (1920x1080) IPS Display
System Memory	16GB (2x8) DDR4 3200MHz (2 Slots, Max 64GB)
Video Graphics	AMD Radeon™ Graphics Vega 7 NVIDIA® GeForce RTX™ 3060 Laptop GPU GDDR6 6GB 105W/1425MHz.
Storage	1TB M.2 NVMe PCIe SSD vorhandene Ports: 1x 2.5" HDD/ SSD slot ((Only supports 7mm or thinner)) 2x M.2 2280 SSD slots (supports 1x NVMe PCIe & SATA/ 1x NVMe PCIe)
Keyboard Type	All-zone of Single Colored Backlit Keyboard with 15 Colors LED Setting
I/O Port	1x USB2.0 Type-A 1x USB3.2 Gen1 Type-A 1x USB3.2 Gen2 Type-A 1x HDMI 2.0(with HDCP) 1x Mini Display 1.4 1x DisplayPort 1.4 Type-C over USB 3.2 Gen 2 1x Audio combo jack 1x Microphone jack 1x DC-in Jack 1x RJ-45
Audio	2x 2 Watt Speaker Dual-Array Microphone NAHIMIC 3
Communications	LAN: Realtek® RTL8125-BG REALTEK (2.5G) WLAN : Intel® AX200 Wireless (802.11ax, a/b/g/n/ac/ax compatible) Bluetooth: Bluetooth V5.0 + LE
Adapter*	180W
Battery	Li-ion 43Wh
Dimensions	396(B) x 262(T) x 32.4(H) mm
Weight	~2.5 kg / 5.51 lb

*Product specifications and product appearance may differ from country to country. We recommend that you check with your local dealers for the specifications and appearance of the products available in your country.

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