GIGABYTE™

DATASHEET

AERO 17 HDR (Intel 11th Gen)

AERO

Laptop For Content Creator and Designer

AERO 17 HDR (Intel 11th Gen)

Product Overview

reddot winner 2021

TAIWAN EXCELLENCE 2021

27 cm

2.1 cm

39.6 cm

mini DP 1.4

USB3.2 (Gen1)

USB3.2 (Gen1)

DC-in Jack

RJ45

Headphone Out

Thunderbolt™ 4   HDMI 2.1

UHS-II SD Card Reader Mic in USB3.2 (Gen1)

- 11th Gen Intel® Core™ i9/i7 Processor H-Series
- NVIDIA® GeForce RTX™ 30 Series
- World's First Microsoft Azure AI Notebook
- Exclusive WINDFORCE Infinity Cooling
- Dual RAM + Dual SSD Storage
- Next-Gen Wi-Fi 6 Connection

- 4K UHD HDR IPS-level Panel
- 3mm Ultra-thin Bezel
- X-Rite™ Display Color Calibration
- Pantone® Validated Color Accuracy
- DTS:X® Ultra Audio Technology

intel CORE i9

intel CORE i7

NVIDIA STUDIO

VESA CERTIFIED DisplayHDR™ 400

WINDFORCE infinity

COLOR CALIBRATION Powered by x-rite

PANTONE® Validated

Microsoft Azure AI

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Visual

3mm Ultra-thin Bezel

With ultra-thin screen bezel design, the AERO not only offers you smaller chassis than traditional 17.3" laptop, but maximizes your vision.

4K HDR Adobe RGB 100% Display

The 4K UHD IPS display does not only offer the best resolution density in its class, but also provides extra brightness and matches the VESA Display HDR 400 standard. It further supports 100% Adobe RGB color gamut. Take advantage of the efficiency and vibrant images for every occasion.

Wide Color Gamut

Ultra High Resolution

High Contrast Ratio

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Visual

PANTONE® Validated Presentation

What you see is what you get. As a designer, photographer and producer deal with color-critical decision everyday. You should have the PANTONE® Validated display so that the colors are able to demonstrate superior fidelity in reproducing the Pantone Matching System Colors.

X-Rite™ Color Calibration

Every panel fitted on the AERO gets individually calibrated and certified with world renowned X-Rite™ calibration technology before it leaves the factory, giving you perfect color accuracy and wider color spectrum the second you turn on the AERO.

See More Details and Accurate Colors
Stunning Visual for both Work& Entertainment

Photo: Colors displayed on screen almost match the actual colors.

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Performance

11th Gen Intel® Core™ i9 / i7 Processor (H-Series)

To have continuous creativity, you must first have a powerful processor. The AERO takes an upgrade with the latest desktop-caliber mobile focused 8-core 11th Gen Intel® Core™ i9-11980HK processor, offering you an unprecedented performance on demand, a portable & sleek lifestyle, anywhere you go.

At The Speed Of Imagination: NVIDIA Studio Laptop

RTX Studio Laptops are crafted with precision to deliver dramatic improvements in productivity and performance across your everyday creative apps. Here's the future, now go create history.

WINDFORCE Infinity: Next-Gen Cooling

All-new WINDFORCE Infinity comes with two 71-blade fans and 5 heat pipes that increases overall heat dissipation by 30%*, insuring that the AERO remains calm and steady even under heavy gaming or multi-tasking large apps and files.

PCIe Gen4 Storage: Never Delay in Workflow

More storage means more production. The AERO supports PCIe Gen4x4 SSD storage slot. The bandwidth is up to twice higher than the previous generation. Preview, store, move and read / write files more efficiently.

*Comparison between "Windforce Infinity" (AERO 15 OLED, AERO 17 HDR) and the previous GIGABYTE model .

Laptop For Content Creator and Designer

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Creator Friendly

Microsoft Azure AI

User preference data passes through the Microsoft Azure Machine Learning platform in order to automatically and dynamically adjust the best CPU, GPUs and fan settings for different apps. Users will experience a steady performance without hassle & additional manual switch.

Learn More

Microsoft Azure AI

Windows Hello

GIGABYTE AERO is equipped with the built-in fingerprint sensor for Windows Hello, offering you high privacy protection.

Versatile I/O

The all new AERO series laptops are not restricted by its thin and light chassis, offering more connection port options than its competitors. Besides the usual USB Type-A (three ports), comes the addition of HDMI 2.1 for 4K@120Hz video outputs, DP 1.4 and an ultra-fast UHS-II SD card.

UHS-II
SD CARD Reader

HDMI™ 2.1

Thunderbolt™ 4

The Intel® Thunderbolt™ 4 achieves a transfer speed of up to 40Gbps and 8X faster than USB 3.1, in addition to reversible USB-C transfer port interface. The AERO series laptops support up to 4K video output and get unbridled capabilities, endless possibilities.

*Comparison Thunderbolt 4 and the USB 3.1 transfer speed.

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Mobility

CNC+NIL

Through the use of CNC aluminum cutting technology creating a smooth aluminum body, embellished with a premium touch of design flare using "NIL" Nanoimprint Lithography. The AERO creates a simple yet complete chassis that has a contemporary and unique design.

Thin and Light Form Factor

AERO 17's thickness is only 2.1cm, ensuring you great mobility.

All-day Productivity

AERO carries a 99 Wh battery, supporting up to 8 hours of battery life.

Intel® Wi-Fi 6 AX200 (Gig+)

AERO supports 1Gbps cable internet and the latest gen internet standard 802.11AX (Wi-Fi 6) of up to 2.4Gbps transfer speed. According to the exclusive technology, it delivers fastest connections and lets your creative data is set to transfer without limitations.

ΛΣΡΟ

Laptop For Content Creator and Designer

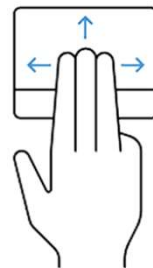# GIGABYTE™

AERO 17 HDR (Intel 11th Gen)

Control

RGB Fusion 2.0: Per-key RGB Backlight Keyboard

The AERO 17 keyboard is upgraded with the all-new RGB Fusion 2.0 technology. Not only does the keyboard lighting shine brighter than ever, each key press is now even more responsive. In addition to full macro customization functions, the gaming and multimedia experience has just bumped up to a whole new standard.

Windows Precision Touchpad for Precise Control

The AERO has windows precision touchpad which supports registering multiple touch inputs. Plus the built-in fingerprint sensor for Windows Hello, offering you high privacy protection.

Performance Laptop for the Creatives
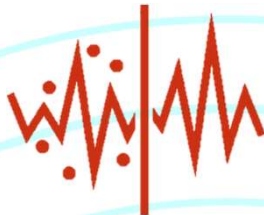## Mobility, Connectivity, Productivity

DTS:X™ Ultra Audio Technology

The new AERO series adapts the DTS: X Ultra audio technology which virtual 7.1-channel surround sound innovation that provides outstanding sound experience and performance. From editing, seeing movies to conference calls, the DTS:X™ Ultra brings true 3D surround effect and the voice communication is clearer than ever with Two-Way AI Noise Cancelation that removes noise from incoming and outgoing audio.

7.1 Channel Surround Sound
Experience sounds that move with precision above, around, and behind you.

Tuning Specific
Contains a database of more than 500 headphones that provides consumer's particular headphone to optimize the audio experience.

DTS Sound Unbound app
Enable to streaming playback of DTS-encoded content through the native media player or any web browser running Windows 10 with support for up to 11.1 multi-channel surround.

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Dimensions & I/O

27 cm

2.1cm

Aluminum Chassis

39.6 cm

Contemporary, clean and unique design

2.5KG: Great Mobility

mini DP 1.4

USB3.2 (Gen1)   DC-in Jack

Thunderbolt™ 4   HDMI 2.1

USB3.2 (Gen1)

RJ45   Headphone Out

UHS-II SD Card Reader   Mic in   USB3.2 (Gen1)

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AERO 17 HDR XD-73DE544SP   Product Spec

EAN 4719331959005

Model	AERO 17 HDR vD
OS	Windows 10 Pro
CPU	11th Gen Intel® Core™ i7-11800H (2.3GHz~4.6GHz)
Display	mattes 17.3" 4K UHD HDR 3840x2160 IPS Display mit schmalem Rand
	*X-Rite™ zertifiziert, einzeln ab Werk kalibriert & Pantone® bestätigte Farbgenauigkeit
Arbeitsspeicher	32GB (2x16) DDR4 3200 (2 Bänke, Max 64GB)
Grafikkarte	Intel® UHD Graphics NVIDIA® GeForce RTX™ 3070 Laptop GPU 8GB GDDR6
	unterstützt NVIDIA Max-Q Technologies: Dynamic Boost 2.0, Resizable BAR, und Optimus™ Technology.
Speicher	1TB NVMe SSD (2 Bänke, unterstützt 1x NVMe PCIe Gen3 & SATA / 1x NVMe PCIe Gen4)
Keyboard	GIGABYTE Fusion Keyboard mit Einzeltastenbeleuchtung
I/O Port	3x USB 3.2 Gen1 (Type-A) 1x Thunderbolt™ 4 (Type-C) 1x HDMI 2.1 1x mini DP 1.4 1x Kopfhörer 1x Mikrofon 1x UHS-II SD Card Reader 1x Ladebuchse 1x Netzwerk
Netzwerk	LAN: RTL8125-BG REALTEK (2.5G) Ethernet Intel® Wi-Fi 6 AX200 or AX201(Gig+) Bluetooth: Bluetooth® V5.2
Netzteil	230W
Batterie	Li Polymer 99Wh
Maße	396(B) x 270(T) x 21.5(H) mm
Gewicht	~2.5 kg

*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.
**The size and weight of the laptop may vary according to the configuration, manufacturing process and measurement method, please refer to the actual situation.
***GIGABYTE reserves the right to modify or revise the content at anytime without prior notice.