

SPECIFICATIONS



Gigabyte AORUS MASTER 16 BYH Series 2 Intel Core Ultra 9 275HX 32GB RAM 1TB SSD 16 Inch 2.5K QHD WQXGA OLED Display Dark Tide Gaming Laptop

Regular Price 453,530

Special Price 418,000

ID: 33.02.018.102

General

Brand	Gigabyte
Laptop Series	AORUS
Model	Gigabyte AORUS MASTER 16 BYH

Processor

Processor Brand	Intel
Processor Type.	Core Ultra 9
Generation	Ultra
Processor Model	Core Ultra 9 275HX
Processor Base Frequency	Unmentioned
Performance-Core Base Frequency	2.70GHz
Efficient-Core Base Frequency	2.10GHz
Processor Max Turbo Frequency	5.40GHz
Performance-Core Max Turbo Frequency	5.40GHz
Efficient-Core Max Turbo Frequency	4.60GHz
Processor Core	24
Performance-Cores	8
Efficient-Cores	16
Processor Thread	24
CPU Cache	36MB
NPU	Yes
Neural Processing Unit (NPU)	Intel AI Boost
NPU TOPS	13

IDB BHABAN - DHAKA 123/5 BCS Computer City, IDB Bhaban, Dhaka 1207, Tel +88 0960 444 2121 **BANANI - DHAKA** 41 Kamal Ataturk Avenue, Banani, Dhaka 1213, Tel +88 017 55 513 933 **UTTARA - DHAKA** 36 Sonargaon Janapath, Sector 9, Dhaka 1230, Tel +88 017 55 513 930 **MULTIPLAN CENTRE-1, DHAKA** Ground Floor, Shop 141, Multiplan Centre, Dhaka 1205, Tel +88 017 55 513 971 **MULTIPLAN CENTRE-2, DHAKA** Level 4, Shop 401, Multiplan Centre, Dhaka 1205, Tel +88 017 55 513 981 **MULTIPLAN CENTRE-3, DHAKA** Level 4, Shop 430, Multiplan Centre, Dhaka 1205, Tel +88 017 55 554 947 **Shantinagar - DHAKA** Level 4, Shop 441, Eastern Plus, Dhaka 1217, Tel +88 017 55 513 984 **Agrabad - Chattogram** 472 Sheikh Mujib Road, Chowmuhani, Chattogram, Tel +88 017 55 554 930 **GEC Circle - Chattogram** 428 Yunusco City Center, Chattogram, Tel +88 017 55 513 953 **RAJSHAHI Jamal Super Market** 96 Saheb Bazar, Tel +88 017 55 513 961 **Bogura** 845/936 College Road, Kalitola, Tel +88 017 55 513 948 **Khulna Naushin Tower** 11 KDA Avenue, Tel +88 017 55 554 923 **RANGPUR** 624 Asha Centre, GL Roy Road, Tel +88 017 555 13 941 **Barishal** 125 Sadar Road, Kakolimor, Tel +88 017 55 513 945 **MYMENSINGH** 11 C.K Ghosh Road, Tel +88 017 55 513 954

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Memory

RAM	32GB
RAM Type	DDR5
RAM Bus	5600 MHz
Total RAM Slot	2
Empty/Expansion RAM Slot	Unmentioned
Max. RAM Support	64GB

Storage

Storage	1TB SSD
Installed HDD Type	No HDD
HDD RPM	No HDD
HDD Expansion Slot	No
Installed SSD Type	NVMe PCIe
Installed SSD Generation	Gen 4
M.2/SSD Expansion Slot	1
Storage Upgrade	Additional SSD Slot, Upgradeable Installed SSD

Graphics

Graphics Chipset	Nvidia RTX 5080 Graphics
Graphics Memory Accessibility	Dedicated
Graphics Memory	16GB
Graphics Memory Type	GDDR7

Display

Display Size (Inch)	16
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Display Type	2.5K QHD WQXGA Display
Panel Type	OLED
Display Resolution	2560x1600
Touch Screen	No
Display Refresh Rate	240 Hz
Display Bezel	Slim Bezel
Brightness	500nits
Display Features	16:10, 1ms, DCIP-3 100%, 1,000,000:1, NVIDIA G-SYNC, NVIDIA Advanced Optimus, VESA DisplayHDR True Black 500, VESA ClearMR 10000, Panton Validated, TUV Rheinland Low Blue Light, Dolby Vision
Secondary Screen Size	No Secondary Screen
Secondary Screen Technology	No Secondary Screen
Secondary Screen Resolution	No Secondary Screen

Ports & Slots

Optical Drive	No
Multimedia Card Slot	1
Supported Multimedia Card	MicroSD (UHS-II)
USB 3 Port	2 x USB 3.2 Gen 2 Type-A
USB C / Thunderbolt Port	1 x Type-C with Thunderbolt 5 (support USB4, DisplayPort 2.1 and Power Delivery 3.0), 1 x Type-C with Thunderbolt 4 (support USB4, DisplayPort 1.4 and Power Delivery 3.0)
HDMI Port	1
Micro HDMI Port	No
Mini HDMI Port	No
Display Port	No
Mini DP Port	No
VGA/D-Sub	No

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Headphone Port	Combo
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Microphone Port	Combo
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Network & Connectivity

LAN	Yes
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WiFi	WIFI 7 (802.11be 2x2)
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Bluetooth	Bluetooth 5.4
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Audio & Camera

Audio Properties	Dolby Atmos, Smart Amp Technology
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Speaker	Yes
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Microphone.	Yes
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WebCam	FHD WebCam
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Keyboard

Keyboard Layout	3-zone RGB Backlit Keyboard, Up to 1.7mm Key-travel (Support N-Key)
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Keyboard Back-lit	Yes
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RGB Keyboard	Yes
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Num Key pad	No
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Pointing Device	Touchpad
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Security

Finger Print Sensor	No
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Face Detection	Yes
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TPM	Yes
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Security Chip	Firmware-based TPM
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Software

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