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ROG Flow Z13 (2022)
GZ301ZC-LD111W

★★★★★ 3.3 (3)

Operating System

Windows 11 Home

Processor

12th Gen Intel® Core™ i7-12700H Processor 2.3 GHz (24M Cache, up to 4.7 GHz, 14 cores: 6 P-cores and 8 E-cores)

Graphics

NVIDIA® GeForce RTX™ 3050 Laptop GPU

ROG Boost: 1107.5MHz* at 40W (1057.5MHz Boost Clock+50MHz OC, 35W+5W Dynamic Boost)

4GB GDDR6

Display

13.4-inch

FHD+ 16:10 (1920 x 1200, WUXGA)

IPS-level

Glossy display

sRGB:

100

Touch Screen

Refresh Rate:

120Hz

Response Time:

30ms

Adaptive-Sync

Pantone Validated

Support stylus:

Yes

MUX Switch + Optimus

Support Dolby Vision HDR :

Yes

Memory

8GB*2 LPDDR5 on board

Max Capacity:

16GB

Support dual channel memory

Storage

512GB PCIe® 4.0 NVMe™ M.2 SSD (2230)

I/O Ports

1x 3.5mm Combo Audio Jack

1x USB 2.0 Type-A

1x USB 3.2 Gen 2 Type-C

1x Thunderbolt™ 4 support DisplayPort™

1x ROG XG Mobile Interface and USB Type-C combo port (with USB 3.2 Gen2, support DisplayPort™ 1.4)

1x card reader (microSD) (UHS-II)

1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC

Keyboard and Touchpad

Backlit Chiclet Keyboard 1-Zone RGB

Touchpad

Camera



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Audio

Smart Amp Technology
Dolby Atmos
AI noise-canceling technology
Hi-Res certification
Built-in 3-microphone array
2-speaker system with Smart Amplifier Technology

Network and Communication

Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth® 5.2 (*Bluetooth® version may change with OS version different.)

Battery

56WHrs, 4S1P, 4-cell Li-ion

Power Supply

TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC, 50/60Hz universal

AURA SYNC

Yes

Device Lighting

Aura Sync Light Bar

Weight

1.18 Kg (2.60 lbs)

Dimensions (W x D x H)

30.2 x 20.4 x 1.20 ~ 1.20 cm (11.89" x 8.03" x 0.47" ~ 0.47")

Xbox Game Pass

Xbox Game Pass Ultimate_1 month (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)

Security

BIOS Administrator Password and User Password Protection
Trusted Platform Module (Firmware TPM)
FingerPrint:
YES

Note

Dimension of keyboard: 30.2 x 22.0 x 0.56 cm
Weight of keyboard: 0.34 Kg

 > LAPTOPS

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 Australia/English

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