

Strix G18 (2024) G814
G814JIR-N6083WS

Operating System

Windows 11 Home

Processor

Intel® Core™ i9 Processor 14900HX 2.2 GHz (36MB Cache, up to 5.8 GHz, 24 cores, 32 Threads)

Graphics

NVIDIA® GeForce RTX™ 4070 Laptop GPU (321 AI TOPs)

ROG Boost: 2225MHz* at 140W (2175MHz Boost Clock+50MHz OC, 115W+25W

Dynamic Boost)

8GB GDDR6

Display

ROG Nebula Display

18-inch

2.5K (2560 x 1600, WQXGA) 16:10 aspect ratio

IPS-level

anti-glare display

DCI-P3:100.00%

Refresh Rate:240Hz

Response Time:3ms

G-Sync

Pantone Validated

MUX Switch + NVIDIA® Advanced Optimus

Support Dolby Vision HDR :Yes

Memory

16GB DDR5-5600 SO-DIMM, the memory speed of the systems vary by CPU
SPEC

Max Capacity:32GB

Support dual channel memory

Storage

1TB PCIe® 4.0 NVMe™ M.2 SSD

I/O Ports

1x 3.5mm Combo Audio Jack

1x HDMI 2.1

2x USB 3.2 Gen 1 Type-A

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

1x RJ45 LAN port

1x Thunderbolt™ 4 support DisplayPort™

1x HDMI 2.1 FRL

2x USB 3.2 Gen 2 Type-A

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

1x RJ45 LAN port

1x Thunderbolt™ 4 support DisplayPort™

Keyboard and Touchpad

Backlit Chiclet Keyboard Per-Key RGB

Touchpad

Camera

720P HD camera

Audio

Smart Amp Technology

Dolby Atmos

AI noise-canceling technology

Hi-Res certification (for headphone)

Built-in array microphone

2-speaker system with Smart Amplifier Technology

Network and Communication

Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)

Battery

90WHrs, 4S1P, 4-cell Li-ion

Power Supply

ø6.0, 280W AC Adapter, Output: 20V DC, 14A, 280W, Input: 100~240C AC

50/60Hz universal

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

Aura Sync logo

Weight

3.00 Kg (6.61 lbs)

Dimensions (W x D x H)

39.9 x 29.4 x 2.31 ~ 3.08 cm (15.71" x 11.57" x 0.91" ~ 1.21")

Microsoft Office

Office Home and Student

Xbox Game Pass

Xbox Game Pass for PC_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass for PC. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)

Ecolabels & Compliances

ENERGY STAR®

Security

BIOS Administrator Password and User Password Protection

Trusted Platform Module (Firmware TPM)

McAfee® 30 days free trial

Included in the Box

ROG backpack

ROG Impact Gaming Mouse

TYPE-

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

*Included accessories vary according to country and territory. Please

700W power supply (80+ Bronze, peak 750W)

Weight

11.00 kg (24.25 lbs)

Dimensions (W x D x H)

18.50 x 42.10 x 49.80 cm (7.28" x 16.57" x 19.61")

Microsoft Office

Office Professional 2021 included

Ecolabels & Compliances

REACH

Security

Trusted Platform Module (Firmware TPM)

Included in the Box (Optional)

Wired optical mouse (USB)

Wired keyboard (USB)

Thermal

105W Air Cooler

AURA SYNC

Yes

1TB M.2 2280 NVMe™ PCIe® 4.0 Performance SSD

Front I/O Ports

1x Headphone

1x Mic in

1x USB 3.2 Gen 1 Type-C

1x USB 3.2 Gen 1 Type-A

Rear I/O Ports

1x RJ45 Gigabit Ethernet

1x HDMI 2.0a

1x Display port 1.4

5 x Audio jacks

2x USB 2.0 Type-A

1x USB 3.2 Gen 1 Type-A

1x USB 3.2 Gen 2 Type-C

4x USB 3.2 Gen 2 Type-A

Expansion Slots(includes used)

1x PCIe® 3.0 x 16

1x PCIe® 4.0 x 16

4x DDR4 U-DIMM slot

Audio

High Definition 7.1 Channel Audio

Network and Communication

Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card

Power Supply

© SPECIFICATIONS FOR ITEM NO. 1 - DESKTOP

Strix GT15 G15

G15CF-1270KF001XS

Color

Star Black

Operating System

Windows 11 Pro - ASUS recommends Windows 11 Pro for business

Processor

Intel® Core™ i7-12700KF Processor 3.6 GHz (25M Cache, up to 5.0 GHz, 12 cores)

Chipset

Intel® B660 Chipset

Graphics

NVIDIA® GeForce® RTX3060Ti 8GB GDDR6 : 3x DP, 1 x HDMI

Memory

4x DDR4 U-DIMM slot

8GB DDR4 U-DIMM x 2

Memory max up to:64GB

SATA

4 x SATA 6.0Gb/s ports

Storage

2TB SATA 7200RPM 3.5" HDD

Fn + Right or Fn + Left

Brightness Setting Hot Keys

Fn + Up: Brightness up Fn + Down: Brightness down

Macro Hot Keys

On-the-Fly Macro Recording: Step 1: Fn + L-ALT to start recording Step 2: Fn + L-ALT to end recording
Step 3: Assign new macro key

Media Hot Keys

Play/Pause (F5), Stop (F6), Previous (F7), Next (F8), Mute (F9), Volume Down (F10), Volume Up (F11).
Stealth Key (F12)

OS

Windows® 10

Windows® 11

Software

Armoury Crate

Dimensions

440 x 137 x 39mm

Weight

Approx. 1166g (Including wrist rest and cable)

Color

Black

Contents

1 x ROG STRIX SCOPE NX WIRELESS DELUXE Keyboard 1 x 2.4 GHz Wireless Receiver 1 x USB Extender 1
x Detachable Braided Cable 1 x Quick Start Guide 1 x Wrist rest 1 x ROG Sticker 1 x Warranty Booklet

Strix Scope NX Wireless Deluxe

4.1(10)

4.1 out of 5 stars. 10 reviews

Key Switch

ROG NX Mechanical: Red

ROG NX Mechanical: Brown

ROG NX Mechanical: Blue

Connectivity

USB 2.0 (TypeC to TypeA)

RF 2.4GHz

Bluetooth 5.2

Size (Full/TKL)

100%

Lighting

Per-Key RGB LEDs

AURA Sync

Yes

Anti-Ghosting

100% Anti-Ghosting

Macro Keys

All Keys Programmable On-the-Fly Recording Support (except for 'Fn')

USB Report rate

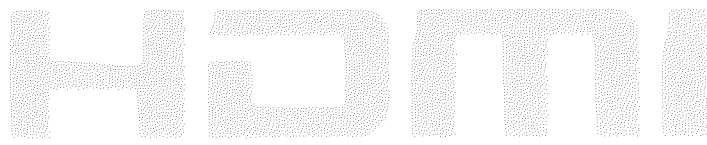
(USB Report rate)

1000 Hz

Profile Hot Keys

Fn + 1 / 2 / 3 / 4 / 5 / 6* * 6 is default

Lighting Effects Hot Keys



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The actual transfer speed of USB 3.0, 3.1, 3.2, and/or Type-C will vary depending on many factors including the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment.

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Specifications and features vary by model, and all images are illustrative. Please refer to specification pages for full details.

RGB color and bundled software versions are subject to change without notice.

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Unless otherwise stated, all performance claims are based on theoretical performance. Actual figures may vary in real-world situations.

The actual transfer speed of USB 3.0, 3.1, 3.2, and/or Type-C will vary depending on many factors including the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment.

Net Weight with Stand : 8.4 kg (18.52 lbs)

Net Weight without Stand : 4.8 kg (10.58 lbs)

Gross Weight : 11.8 kg (26.01 lbs)

Accessories (vary by regions)

Color pre-calibration report

DisplayPort cable

HDMI cable

Power adapter

Power cord

Quick start guide

ROG sticker

USB 3.2 cable

Warranty Card

Welcome Card

Certificate

TÜV Flicker-free

TÜV Low Blue Light

VESA DisplayHDR 600

G-SYNC

DisplayPort 1.4 DSCx 1

HDMI (v2.0)x 3

Earphone jack : Yes

USB Hub : 2x USB 3.2 Gen 1 Type-A

Signal Frequency

Digital Signal Frequency : HDMI: 30~222 KHz (H) / 24~240 Hz (V)

DisplayPort: 255~255 KHz (H) / 1~360Hz (V)

Power Consumption

Power Consumption : <42W

Power Saving Mode : <0.5W

Power Off Mode : <0.3W

Voltage : 100-240V, 50/60Hz

Mechanical Design

Tilt : Yes (+20° ~ -5°)

Swivel : Yes (+25° ~ -25°)

Pivot : Yes (0° ~ 90° Clockwise)

Height Adjustment : 0~100mm

VESA Wall Mounting : 100x100mm

Lighting effect (Aura) : Aura Sync

Kensington Lock : Yes

Dimensions (Esti.)

Phys. Dimension stand (W x H x D) : 61.40 x 50.80 x 25.50 cm (24.17" x 20.00" x 10.04")

Phys. Dimension without Stand (W x H x D) : 61.40 x 36.70 x 9.00 cm (24.17" x 14.45" x 3.54")

Box Dimension (W x H x D) : 71.90 x 51.20 x 26.70 cm (28.31" x 20.16" x 10.51")

Weight (Esti.)

Swift 360Hz PG27AQN

Display

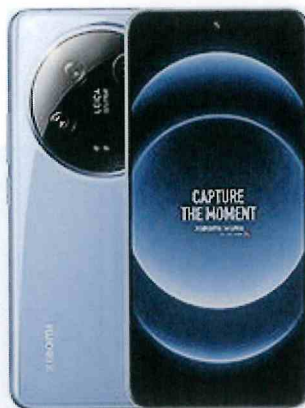
Panel Size (inch) : 27
Aspect Ratio : 16:9
Color Space (DCI-P3) : 98%
Color Space (sRGB) : 135%
Panel Type : Fast IPS
True Resolution : 2560x1440
Display Viewing Area (HxV) : 595.968 x 335.232 mm
Display Surface : Non-Glare
Pixel Pitch : 0.233mm
Brightness (Typ.) : 400cd/m²
Brightness (HDR, Peak) : 600 cd/m²
Contrast Ratio (Typ.) : 1000:1
Viewing Angle (CR_{≥10}) : 178°/ 178°
Response Time : 1ms(GTG)
Display Colors : 16.7M
Flicker free : Yes
HDR (High Dynamic Range) Support : HDR10
Refresh Rate (max) : 360Hz

Video Feature

Color Accuracy : $\Delta E < 2$
GamePlus : Yes
Low Blue Light : Yes
HDCP Support : Yes, 2.2
Game Visual : Yes
VRR Technology : Yes (Adaptive-Sync)

I/O Ports

@ SPECIFICATIONS FOR
ITEM NO. 3 - SMART PHONE



NETWORK		Technology	GSM / CDMA / HSPA / EVDO / LTE / 5G
LAUNCH	<u>Announced</u>	2024, February 22	
	<u>Status</u>	Available. Released 2024, February 22	
BODY	<u>Dimensions</u>	161.4 x 75.3 x 9.2 mm (6.35 x 2.96 x 0.36 in)	
	<u>Weight</u>	219.8 / 224.4 / 229.5 g (7.76 oz)	
	<u>Build</u>	Glass front (Shield Glass), glass or eco leather back, titanium (grade 5) or aluminum alloy frame	
	<u>SIM</u>	Dual SIM (Nano-SIM, dual stand-by)	
DISPLAY	<u>Type</u>	IP68 dust/water resistant (up to 1.5m for 30 min)	
		LTPO AMOLED, 68B colors, 120Hz, Dolby Vision, HDR10+, 1000 nits (typ), 3000 nits (peak)	
		6.73 inches, 108.9 cm ² (~89.6% screen-to-body ratio)	
		1440 x 3200 pixels, 20:9 ratio (~522 ppi density)	
PLATFORM	<u>Protection</u>	Xiaomi Shield Glass / Xiaomi Longjing Glass	
	<u>OS</u>	Android 14, up to 4 major Android upgrades, HyperOS	
	<u>Chipset</u>	Qualcomm SM8650-AB Snapdragon 8 Gen 3 (4 nm)	
	<u>CPU</u>	Octa-core (1x3.3 GHz Cortex-X4 & 3x3.2 GHz Cortex-A720 & 2x3.0 GHz Cortex-A720 & 2x2.3 GHz Cortex-A520)	
MEMORY	<u>GPU</u>	Adreno 750	
	<u>Card slot</u>	No	
	<u>Internal</u>	512GB 16GB RAM	
MAIN CAMERA	<u>Quad</u>	UFS 4.0	
		50 MP, f/1.6-f/4.0, 23mm (wide), 1.0"-type, 1.6µm, multi-directional PDAF, OIS	
		50 MP, f/1.8, 75mm (telephoto), 1/2.51", 0.7µm, dual pixel PDAF (10cm - ∞), OIS, 3.2x optical zoom	
		50 MP, f/2.5, 120mm (periscope telephoto), 1/2.51", 0.7µm, dual pixel PDAF (30cm - ∞), OIS, 5x optical zoom	
		50 MP, f/1.8, 12mm, 122° (ultrawide), 1/2.51", 0.7µm, dual pixel PDAF TOF 3D, (depth)	
	<u>Features</u>	Laser AF, Leica lenses, Dual-LED flash, HDR, panorama, 67mm filter ring holder (optional)	
SELFIE CAMERA	<u>Video</u>	8K@24/30fps, 4K@24/30/60/120fps, 1080p@30/60/120/240/480/960/1920fps, gyro-EIS, Dolby Vision HDR 10-bit rec. (4K@60fps, 1080p)	
	<u>Single</u>	32 MP, f/2.0, 22mm (wide), 1/3.14", 0.7µm	
	<u>Features</u>	HDR, panorama	
SOUND	<u>Video</u>	4K@30/60fps, 1080p@30/60fps, gyro-EIS	
	<u>Loudspeaker</u>	Yes, with stereo speakers	
	<u>3.5mm jack</u>	No	
	<u>WLAN</u>	24-bit/192kHz Hi-Res & Hi-Res Wireless audio	
		Wi-Fi 802.11 a/b/g/n/ac/6e/7, tri-band, Wi-Fi Direct	

COMMS FEATURES	<u>Bluetooth</u>	5.4, A2DP, LE, aptX HD, aptX Adaptive, LHDC
	<u>Positioning</u>	GPS (L1+L5), GLONASS (L1), BDS (B1I+B1c+B2a), GALILEO (E1+E5a), QZSS (L1+L5), NavIC (L5)
	<u>NFC</u>	Yes
	<u>Infrared port</u>	Yes
	<u>Radio</u>	No
	<u>USB</u>	USB Type-C 3.2 Gen 2, DisplayPort, OTG
BATTERY	<u>Sensors</u>	Fingerprint (under display, optical), accelerometer, proximity, gyro, compass, color spectrum, barometer
		Two-way satellite communication
	<u>Type</u>	5000 mAh, non-removable - International 5300 mAh, non-removable - China only
	<u>Charging</u>	90W wired, PD3.0, QC4, 100% in 33 min (advertised) 80W wireless, 100% in 46 min (advertised) 10W reverse wireless
MISC	<u>Colors</u>	Black, Blue, White, Titanium Gray
	<u>Models</u>	24031PN0DC, 24030PN60G
	<u>Price</u>	<u>\$ 1,091.55 / € 1,078.98 / £ 1,197.76 / ₹ 99,999</u>
TESTS	<u>Performance</u>	AnTuTu: 2014262 (v10) GeekBench: 7060 (v6) 3DMark Wild life: 17244 (offscreen 1440p)
	<u>Display</u>	<u>1281 nits max brightness (measured)</u>
	<u>Loudspeaker</u>	<u>-25.6 LUFS (Very good)</u>
	<u>Battery (new)</u>	<u>Active use score 11:25h</u>