

RC71L-NH001W - Model Specification

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FULL DETAIL

Part No	90NV0GY1-M002Y0
Model Name	RC71L-NH001W
EAN Code	4711387155547
UPC Code	197105155541
Marketing Name	ROG Ally
Color	White
Dimension (W x D x H)	28.0 x 11.1 x 2.12 ~ 3.24 cm (11.02in x 4.37in x 0.83in ~ 1.28in)
Weight	608 g (1.34 lbs)
Processor	AMD Ryzen Z1 Extreme Processor (in Zen4in architecture with 4nm process, 8-core /16-threads, 24MB
CPU Wattage	TDP: 9-30W
IGPU	AMD Radeon Graphics (AMD RDNA 3, 12 CUs, up to 2.7 GHz, up to 8.6 Teraflops)
Panel Size	7-inch
Resolution	FHD (1920 x 1080) 16:9
Refresh Rate	120Hz
Response Time (G2G)	7ms
Glass	Gorilla Glass DXC Gorilla Glass Victus
Touch Screen	Touch Screen (10-point multi-touch)
Viewing Angle	85/85/85/85
Panel Tech	IPS-level
Brightness	500nits
Contrast	1200:1
NTSC %	72%
SRGB %	100%
Adobe %	75.35%
Anti glare	glossy display
Adaptive-Sync technology	FreeSync Premium
Glass	Gorilla Glass DXC Gorilla Glass Victus
On board memory	16GB LPDDR5 on board (6400MT/s dual channel)
Total System Memory	LPDDR5 16GB
Memory Max.	16GB
System Storage Installed	512GB PCIe 4.0 NVMe M.2 SSD (2230)
M.2 slots support either SATA or N	1
M.2 SSD Support List	512GB
On board Wireless	Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth 5.2 (*Bluetooth version may change with OS version d
I/O Ports	1x ROG XG Mobile Interface and USB Type-C combo port (with USB 3.2 Gen2, support DisplayPort 1.4) 1x UHS-II microSD card reader (supports SD, SDXC and SDHC)
Audio	1x 3.5mm Combo Audio Jack
Mic	Built-in array microphone
Aura Sync	Yes
Speakers	2-speaker system with Smart Amplifier Technology

Audio Tech	AI noise-canceling technology Dolby Atmos Hi-Res certification
Operating System	Windows 11 Home
Xbox Game Pass	Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Security	Built-in Fingerprint Sensor Microsoft Pluton security processor
Battery	40WHrs, 4S1P, 4-cell Li-ion
Power	TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100~240V AC 50/60Hz universal
Control and Input	2 x assignable grip buttons A B X Y buttons Armoury Crate button Command Center button D-pad L & R Hall Effect analog triggers L & R bumpers Menu button View button Thumbsticks: 2 x full-size analog sticks Haptics: HD haptics
Gyro	6-Axis IMU