

## ASUS ROG NUC RNUC15JNK7X569A2 Intel Core Ultra 7 255HX 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Windows 11 Home Mini PC Black

**Brand :** ASUS

**Product family:** ROG

**Product code:** 90AS00I1-M00300

**Product name :**  
RNUC15JNK7X569A2

- Windows 11 Home 64-bit
- Intel Core Ultra 7 255HX (30MB Cache)
- NVIDIA GeForce RTX 5060
- 16GB (6400MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD

Intel Core Ultra 7 255HX (30MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, Intel Graphics, NVIDIA GeForce RTX 5060, LAN, WLAN, Bluetooth, Windows 11 Home 64-bit

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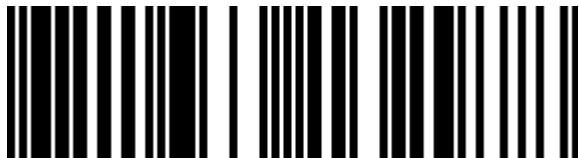
### Gaming Redefined Power Meets Precision

Unlock new gaming horizons with ROG NUC (2025), powered by the Intel® Core™ Ultra processors (Series 2) ARL-HX and up to NVIDIA® GeForce RTX™ 5080 Laptop GPU. Equipped with triple fan cooling and support for four 4K displays, this compact powerhouse delivers unprecedented performance.



| Processor                               |                                                | Graphics                                          |                         |
|-----------------------------------------|------------------------------------------------|---------------------------------------------------|-------------------------|
| Processor manufacturer *                | Intel                                          | On-board graphics card family                     | Intel® Graphics         |
| Processor family *                      | Intel Core Ultra 7                             | On-board graphics card model *                    | Intel® Graphics         |
| Processor generation                    | Intel Core Ultra (Series 2)                    | <b>Network</b>                                    |                         |
| Processor model *                       | 255HX                                          | Ethernet LAN *                                    | ✓                       |
| Processor cores                         | 20                                             | Ethernet LAN data rates                           | 10,100,1000,2500 Mbit/s |
| Processor threads                       | 20                                             | Cabling technology                                | 10/100/1000Base-T(X)    |
| Processor boost frequency               | 5.2 GHz                                        | Wi-Fi *                                           | ✓                       |
| Performance cores                       | 8                                              | Top Wi-Fi standard                                | Wi-Fi 7 (802.11be)      |
| Efficient cores                         | 12                                             | Wi-Fi standards                                   | Wi-Fi 7 (802.11be)      |
| Performance-core Max Turbo Frequency    | 5.2 GHz                                        | WLAN controller manufacturer                      | Intel                   |
| Efficient-core Max Turbo Frequency      | 4.5 GHz                                        | WLAN controller model                             | Intel Wi-Fi 7 BE200     |
| Performance-core base frequency         | 2.4 GHz                                        | Bluetooth                                         | ✓                       |
| Efficient-core base frequency           | 1.8 GHz                                        | Bluetooth version                                 | 5.4                     |
| Processor cache                         | 30 MB                                          | <b>Ports &amp; interfaces</b>                     |                         |
| Processor base power                    | 55 W                                           | USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1                       |
| Maximum turbo power                     | 160 W                                          | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 6                       |
| <b>Neural processor unit (NPU)</b>      |                                                | Intel® Thunderbolt 4                              | ✓                       |
| Neural processor unit (NPU)             | Intel AI Boost                                 | Thunderbolt 4 ports quantity                      | 1                       |
| Sparsity support                        | ✓                                              | HDMI ports quantity *                             | 2                       |
| Windows Studio effects support          | ✓                                              | HDMI version                                      | 2.1                     |
| AI software frameworks supported by NPU | DirectML, OpenVINO, Windows ML, ONNX RT, WebNN | DisplayPorts quantity                             | 2                       |
| Total processor performance up to       | 33 TOPs                                        | DisplayPort version                               | 1.4a                    |
| NPU performance up to                   | 13 TOPs                                        | Ethernet LAN (RJ-45) ports                        | 1                       |
| GPU performance up to                   | 8 TOPs                                         | Combo headphone/mic port                          | ✓                       |
| <b>Memory</b>                           |                                                | DC-in jack                                        | ✓                       |
| Internal memory *                       | 16 GB                                          |                                                   |                         |

| Memory                            |                         | Ports & interfaces            |                     |
|-----------------------------------|-------------------------|-------------------------------|---------------------|
| Maximum internal memory *         | 96 GB                   | Number of rear USB ports      | 5                   |
| Internal memory type              | DDR5-SDRAM              | Number of front USB ports     | 3                   |
| Memory layout (slots x size)      | 2 x 8 GB                | Design                        |                     |
| Memory clock speed                | 6400 MHz                | Chassis type *                | Mini PC             |
| Storage                           |                         | Placement supported           | Horizontal/Vertical |
| Total storage capacity *          | 1 TB                    | Cable lock slot               | ✓                   |
| Storage media *                   | SSD                     | Cable lock slot type          | Kensington          |
| Optical drive type *              | ✗                       | Product colour *              | Black               |
| Total SSDs capacity               | 1 TB                    | Performance                   |                     |
| NVMe                              | ✓                       | Market positioning            | Gaming              |
| SSD form factor                   | M.2                     | Product type *                | Mini PC             |
| Graphics                          |                         | Software                      |                     |
| Discrete graphics card *          | ✓                       | Operating system architecture | 64-bit              |
| Discrete GPU manufacturer         | NVIDIA                  | Operating system installed *  | Windows 11 Home     |
| On-board graphics card *          | ✓                       | Weight & dimensions           |                     |
| Discrete graphics card model *    | NVIDIA GeForce RTX 5060 | Width *                       | 282.4 mm            |
| Number of discrete graphics cards | 1                       | Depth *                       | 187.7 mm            |
| On-board GPU manufacturer         | Intel                   | Height *                      | 56.5 mm             |
|                                   |                         | Weight *                      | 3.12 kg             |
|                                   |                         | Packaging data                |                     |
|                                   |                         | Package width                 | 370 mm              |
|                                   |                         | Package depth                 | 258 mm              |
|                                   |                         | Package height                | 190 mm              |
|                                   |                         | Package weight                | 5.6 kg              |
|                                   |                         | Display                       |                     |
|                                   |                         | Display included *            | ✗                   |



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### Catalog Object Cloud



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