

# ThinkBook 16 G7 ARP

Built for the new-gen hybrid professionals, this 16" ThinkBook meets and exceeds expectations. Whether you're multitasking between apps, editing videos or playing your favorite game, the onboard AMD Ryzen 7 processor and AMD Radeon 680M graphics features bring more speed and fluidity to everything you do. Enjoy life-like and lag-free visuals with its WUXGA resolution display with a 100% sRGB color gamut. Plus, the TÜV Low Blue Light software solution helps keep your eyes comfortable during long sessions by reducing blue light emissions.



## Redefining possibilities with powerful performance and groundbreaking on-device AI

ThinkBook combines the style and user experience of consumer devices with the security and business-class support of ThinkPad.

Whether you're catching up with friends and family or collaborating with co-workers around the globe, the multimedia features are sure to keep up with your needs. Enjoy immersive auditory experience with the dual Dolby Audio stereo speakers and look your absolute best with the 1080p FHD camera with fixed focus and privacy shutter.

The Wi-Fi 6E and Bluetooth 5.3 features lets you stay connected to superfast wireless connectivity whereas the USB-A, USB-C and HDMI 2.1 ports allow seamless data transfers, power delivery and peripheral connectivity.

Whether you're multitasking between apps, editing videos or playing your favourite game, the onboard AMD Ryzen 7 processor and AMD Radeon 680M graphics features bring more speed and fluidity to everything you do.

## Lenovo Services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



## Accessories

---

### Lenovo Go Wireless Numeric Keypad

- 21-key numeric keypad with industry-leading scissor switch keys
- Minimalist design with ultra slim profile at 13 mm with dedicated productivity keys (Calculator, Tab, Equal, Esc keys)
- Rechargeable , up to 3 months use in single charge (may vary based on usage)



---

PN: 4Y41C33791, GY41C33979

# ThinkBook 16 G7 ARP

## Performance

### Processor

AMD Ryzen 3 / 5 / 7 7000 Series Processor  
AMD Ryzen 5 / 7 100 Series Processor

### Operating System\*

Windows 11 Pro or Home

### Graphics

AMD Radeon 660M (integrated)  
AMD Radeon 680M (integrated)

### Memory<sup>1</sup>

Up to 64GB DDR5-4800, 2x SODIMM

<sup>1</sup>Maximum memory is only to test technical readiness of notebook. Available memory to sell would vary.

### Storage<sup>2</sup>

Up to two M.2 PCIe NVMe SSD  
M.2 2280 SSD up to 2TB each

<sup>2</sup>The system supports dual SSD via two M.2 slots, but Lenovo only offers one SSD configuration, another SSD slot for user self-extension. The max storage capacity is only technical readiness and may be different with current Lenovo storage offerings.

### Audio\*

High Definition (HD) Audio  
Stereo speakers, 2W x2, Dolby Audio  
Dual-microphone array with smart noise-cancelling

### Camera\*

HD 720p, with privacy shutter  
FHD 1080p, with privacy shutter  
FHD 1080p + IR hybrid, with privacy shutter

### Battery<sup>3</sup>

45Wh (up to 7.23 hr) battery, Rapid Charge Pro  
71Wh (up to 12.75 hr) battery

<sup>3</sup>Battery life claims are approximate maximum. Actual result will vary depending on many factors and the maximum battery capacity will decrease with time and use.

### Power Adapter\*

65W USB-C adapter, PD 3.0  
65W USB-C slim adapter, PD 3.0

## Design

### Display<sup>4</sup>

16" WUXGA (1920x1200) IPS Anti-glare 16:10  
- 300nits, 45% NTSC, 60Hz  
- 300nits, 45% NTSC, 60Hz, touch  
- 300nits, 100% sRGB, 60Hz, Eyesafe

<sup>4</sup>IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

### Screen-to-Body Ratio

90%

### Keyboard

6-row, spill-resistant, numeric keypad, Copilot Key, optional backlight

### Touchpad

Mylar surface touchpad  
75 x 120 mm (2.95 x 4.72 inches)

### Dimensions<sup>5</sup>

356 x 253.5 x 17.5 mm (14.01 x 9.98 x 0.69 inches)

<sup>5</sup>The system dimensions may vary depending on configurations.

### Weight<sup>6</sup>

Starting at 1.7 kg (3.75 lbs)

<sup>6</sup>The system weight is approximate and may vary depending on configurations

### Color

Arctic grey, dual-tone design  
Cosmic blue, dual-tone design

### Case material

Aluminium (top)  
PC-ABS (bottom)

### Special Features

Modern Standby

## Connectivity

### Ethernet\*

Gigabit onboard Ethernet

### WLAN + Bluetooth\*<sup>7</sup>

802.11ax (Wi-Fi 6 or Wi-Fi 6E), Bluetooth 5.3

<sup>7</sup>Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.

### Ports

1x USB-A (USB 5Gbps / USB 3.2 Gen 1)  
1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On  
1x USB-C (USB 10Gbps / USB 3.2 Gen 2), with USB PD 45-65W & DP 1.4  
1x USB-C (USB4 40Gbps), with USB PD 45-65W & DP 1.4  
1x HDMI 2.1, up to 4K/60Hz  
1x SD card reader  
1x Ethernet (RJ-45)  
1x Headphone / microphone combo jack (3.5mm)

### Docking

Docking support via USB-C

## Security & Privacy

### Security

Discrete TPM 2.0\*  
Firmware TPM 2.0  
Kensington Nano Security Slot  
Touch style MOC fingerprint reader on smart power button\*  
Camera privacy shutter  
IR camera for Windows Hello (facial recognition)\*

## Environmental

### Material

25% PCC recycled plastic used in the battery pack enclosure  
50% PCC recycled plastic used in key caps  
30% PCC recycled plastic used in speaker  
90% PCC recycled plastic used in standard 65W adapter  
97% recycled content in PIC cushion  
90% recycled content in OBP bag  
FSC certified content in carton box

## Certifications

### Green Certifications<sup>8 9 10</sup>

ENERGY STAR 9.0  
EPEAT Gold Registered  
ErP Lot 6/26  
TCO Certified 9.0  
RoHS compliant

<sup>8</sup>The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

<sup>9</sup>EPEAT registration and ENERGY STAR certification are optional and only available on the models with preloaded OS.

<sup>10</sup>EPEAT is registered where applicable, please see [epeat.net](https://epeat.net) for registration status by country.

### Other Certifications

TÜV Rheinland Low Blue Light (Hardware Solution)\*  
TÜV Rheinland Low Blue Light (Software Solution)\*  
Eyesafe Certified 2.0\*  
MIL-STD-810H