

# ThinkBook 16 G6 IRL

## PSREF Product Specifications Reference

### PERFORMANCE

#### Processor

Intel® Core™ i7-13700H, 14C (6P + 8E) / 20T, P-core 2.4 / 5.0GHz, E-core 1.8 / 3.7GHz, 24MB

#### Graphics<sup>[1]</sup>

Integrated Intel® Iris® Xe Graphics

#### Chipset

Intel® SoC Platform

#### Memory

2x 8GB SO-DIMM DDR5-5200

#### Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

#### Max Memory<sup>[2]</sup>

Up to 64GB DDR5-5200

#### Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

#### Storage Support<sup>[3]</sup>

Up to two drives, 2x M.2 SSD

- M.2 2242 SSD up to 1TB
- M.2 2280 SSD up to 2TB

#### Storage Slot

Two M.2 2280 PCIe® 4.0 x4 slots

#### Card Reader

SD Card Reader

#### Optical

None

#### Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

#### Speakers

Stereo speakers, 2W x2, Dolby Audio™

#### Camera

HD 720p with Privacy Shutter

#### Microphone

2x, Array

#### Battery

Integrated 71Wh

#### Power Adapter

100W USB-C® Slim (3-pin)

#### Special Features

Modern Standby

### DESIGN

#### Display<sup>[4]</sup>

16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC

#### Touchscreen

None

#### Keyboard

Backlit, English

#### Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)

#### Case Color

Arctic Grey

#### Surface Treatment

Anodizing Sandblasting

#### Case Material

Aluminium (Top), PC-ABS (Bottom)

#### Pen

Pen Not Supported

#### Dimensions (WxDxH)<sup>[5]</sup>

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

#### Weight<sup>[6]</sup>

Starting at 1.7 kg (3.75 lbs)

### SOFTWARE

#### Operating System

None

#### Bundled Software

None

### CONNECTIVITY

#### Ethernet

100/1000M (RJ-45)

#### WLAN + Bluetooth<sup>[7][8]</sup>

Wi-Fi® 6, 802.11ax 2x2 + BT5.2

#### WWAN

Non-WWAN

#### Standard Ports

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 1x USB-C® 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x SD card reader

#### Docking

Various docking solutions supported via Thunderbolt™ or USB-C®.

For more compatible docking solutions, please visit [Docking for ThinkBook® 16 G6 IRL](#)

### SECURITY & PRIVACY

#### Security Chip

Firmware TPM 2.0 Enabled

#### Fingerprint Reader

Touch Style, Integrated in Power Button

#### Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

#### Other Security

Camera privacy shutter

### MANAGEABILITY

#### System Management

Non-vPro®

### SERVICE

#### Base Warranty

1-year, Courier or Carry-in

#### Included Upgrade

None

### ACCESSORIES

#### Bundled Accessories<sup>[9]</sup>

Lenovo® 15.6" Laptop Casual Toploader

### CERTIFICATIONS

#### Green Certifications

- ErP Lot 6/26
- FSC certified package
- RoHS compliant
- TCO Certified 9.0

#### Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

#### Mil-Spec Test

MIL-STD-810H military test passed

### MODEL

<b>TopSeller</b>	: Yes	<b>Announce Date</b>	: 2023-08-11
<b>EAN / UPC / JAN</b>	: 197532654174	<b>End of Support</b>	: 2030-03-14

Note:

[1] Intel Iris Xe Graphics capability requires system to be configured with dual-channel memory. On the system with single-channel memory, Intel Iris Xe Graphics will function as Intel UHD Graphics.

[2] Maximum memory is only to test technical readiness of notebook.

Available memory to sell would vary.

[3] The max storage capacity is only technical readiness and may be different from current Lenovo storage offerings.

[4] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

[5] The system dimensions may vary depending on configurations.

[6] The system weight is approximate and based on results in.....

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To see more note information, please link to <https://psref.lenovo.com/Detail/2339?M=21KH005TEV>

## Premier Support - A direct 24x7x365 line to our most elite technicians.

Advanced technical support, 24x7x365, in more than 100 markets

Technical Account Managers for proactive relationship and escalation management

Comprehensive hardware & OEM software support

Priority on service delivery and repair parts

Single point of contact for simplified end-to-end case management

Lenovo Service Connect Portal for customized reporting and product support

## Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

## Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

## Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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## Recommended Accessories

### ThinkPad Universal USB-C Dock

THE SMARTER WAY TO WORK Introducing the ThinkPad Universal USB-C Dock. This advanced, universally compatible one-cable docking solution lets you work smarter, not harder. It comes with a vast array of ports, next-gen ...

## Recommended Services

BEST	3Y Premier Support Upgrade from 1Y Courier/Carry-in (5WS0T36151)
BETTER	3Y Onsite upgrade from 1Y Courier/Carry-in (5WS0A23681)
GOOD	3Y Courier/Carry-in upgrade from 1Y Courier/Carry-in (5WS0A23813)

For a full list of accessories and services, please visit:  
<https://smartfind.Lenovo.com>

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