

# ThinkBook 16 G6 IRL

## PERFORMANCE

<b>Processor</b>	Intel® Core™ i7-1355U, 10C (2P + 8E) / 12T, P-core 1.7 / 5.0GHz, E-core 1.2 / 3.7GHz, 12MB
<b>Graphics</b> <sup>[1]</sup>	Integrated Intel® Iris® Xe Graphics
<b>Chipset</b>	Intel® SoC Platform
<b>Memory</b>	2x 16GB SO-DIMM DDR5-5200
<b>Memory Slots</b>	Two DDR5 SO-DIMM slots, dual-channel capable
<b>Max Memory</b> <sup>[2]</sup>	Up to 64GB DDR5-5200
<b>Storage</b>	1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®
<b>Storage Support</b> <sup>[3]</sup>	Up to two drives, 2x M.2 SSD <ul style="list-style-type: none"><li>• M.2 2242 SSD up to 1TB</li><li>• M.2 2280 SSD up to 2TB</li></ul>
<b>Storage Slot</b>	Two M.2 2280 PCIe® 4.0 x4 slots
<b>Card Reader</b>	SD Card Reader
<b>Optical</b>	None
<b>Audio Chip</b>	High Definition (HD) Audio, Realtek® ALC3287 codec
<b>Speakers</b>	Stereo speakers, 2W x2, Dolby Audio™
<b>Camera</b>	FHD 1080p + IR Hybrid with Privacy Shutter
<b>Microphone</b>	2x, Array
<b>Battery</b>	Integrated 45Wh
<b>Power Adapter</b>	65W USB-C® Slim (Wall-mount)
<b>Special Features</b>	Modern Standby

## DESIGN

<b>Display</b> <sup>[4]</sup>	16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC, Touch
<b>Touchscreen</b>	On-cell, 10-point Multi-touch

<b>Keyboard</b>	Backlit, English (US)
<b>Touchpad</b>	Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)
<b>Case Color</b>	Arctic Grey
<b>Surface Treatment</b>	Anodizing Sandblasting
<b>Case Material</b>	Aluminium (Top), PC-ABS (Bottom)
<b>Pen</b>	Pen Not Supported
<b>Dimensions (WxDxH)</b> <sup>[5]</sup>	356 x 253.5 x 17.5 mm (14.01 x 9.98 x 0.69 inches)
<b>Weight</b> <sup>[6]</sup>	Starting at 1.7 kg (3.75 lbs)

## SOFTWARE

<b>Operating System</b>	Windows® 11 Pro, English
<b>Bundled Software</b>	Office Trial

## CONNECTIVITY

<b>Ethernet</b>	100/1000M (RJ-45)
<b>WLAN + Bluetooth</b> <sup>[7][8]</sup>	Wi-Fi® 6, 802.11ax 2x2 + BT5.2
<b>WWAN</b>	Non-WWAN
<b>Standard Ports</b>	<ul style="list-style-type: none"><li>• 1x USB 3.2 Gen 1</li><li>• 1x USB 3.2 Gen 1 (Always On)</li><li>• 1x USB-C® 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)</li><li>• 1x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)</li><li>• 1x HDMI® 2.1, up to 4K/60Hz</li><li>• 1x Headphone / microphone combo jack (3.5mm)</li><li>• 1x Ethernet (RJ-45)</li><li>• 1x SD card reader</li></ul>

<b>Docking</b>	Various docking solutions supported via Thunderbolt™ or USB-C®.
	For more compatible docking solutions, please visit <a href="#">Docking for ThinkBook® 16 G6 IRL</a>

## SECURITY & PRIVACY

<b>Security Chip</b>	Firmware TPM 2.0 Enabled
<b>Fingerprint Reader</b>	Touch Style, Integrated in Power Button
<b>Physical Locks</b>	Kensington® Nano Security Slot™, 2.5 x 6 mm
<b>Other Security</b>	<ul style="list-style-type: none"><li>• Camera privacy shutter</li><li>• IR camera for Windows® Hello (facial recognition)</li></ul>

## MANAGEABILITY

<b>System Management</b>	Non-vPro®
<b>SERVICE</b>	
<b>Base Warranty</b>	1-year, Courier or Carry-in

<b>Included Upgrade</b>	None
-------------------------	------

## ACCESSORIES

<b>Bundled Accessories</b> <sup>[9]</sup>	None
---	------

## CERTIFICATIONS

<b>Green Certifications</b> <sup>[10]</sup>	<ul style="list-style-type: none"><li>• ENERGY STAR® 8.0</li><li>• EPEAT™ Gold Registered</li><li>• ErP Lot 6/26</li><li>• FSC certified package</li><li>• RoHS compliant</li><li>• TCO Certified 9.0</li></ul>
<b>Other Certifications</b>	TÜV Rheinland® Low Blue Light (Software Solution)
<b>Mil-Spec Test</b>	MIL-STD-810H military test passed

## MODEL

<b>TopSeller</b>	: Yes	<b>Announce Date</b>	: 2023-09-06
<b>EAN / UPC / JAN</b>	: 197532950467	<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.....

· Lenovo reserves the right to change specifications without notice.

· California Electronic Waste Recycling Fee In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>

To see more note information, please link to <https://psref.lenovo.com/Detail/2339?M=21KH00BOUS>

## 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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

## 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 Plus upgrade from 1Y Courier/Carry-in (5WS1L39180)
BETTER	3Y Premier Support Upgrade from 1Y Courier/Carry-in (5WS0T36151)
GOOD	3Y Onsite upgrade from 1Y Courier/Carry-in (5WS0A23681)

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

**PSREF**  
Product Specifications  
Reference