

ThinkBook

Lenovo



Creativity.  
Performance.  
User experience.

Crafted for the doers

Lenovo ThinkBook 15p IMH Datasheet

Version 1.0 September 2020



Up to 10<sup>th</sup> Gen Intel® Core™ i7 processor

[www.lenovo.com](http://www.lenovo.com)

CRAFTED FOR THE DOERS

## PROCESSING PERFORMANCE FOR PRODUCTIVITY.

**Powerful Computing:** run up to 35% faster photo editing on Adobe Lightroom and Photoshop.<sup>1</sup> The 5GHz clock speed of the H-Series **10<sup>th</sup> Gen Intel® Core™ i7 processors** provides the necessary power required for heavy-duty tasks.

**Superior Graphics:** run and render 3D modeling and simulation-based applications with ease on the NVIDIA® GTX graphics card.

**Uncompromised Memory and Storage:** seamlessly switch between apps with up to 32GB DDR4 memory. Save and retrieve even heavy files with superfast dual SSD storage.

**Intelligent Cooling:** the PC smartly detects usage and varies power consumption. This saves battery and keeps the system cool. Moreover, Lenovo ThinkBook 15p offers better skin temperature performance than its competitors for that all-day performance. In extreme performance mode, the acoustics of the device is 42db, making it quieter than most gaming PCs that operate at 45db or higher.

**Lightning-fast Wi-Fi 6<sup>2</sup>:** experience faster transfers or downloads and seamless VoIP meetings, even with multiple devices connected to the same network.

**Versatile Connectivity:** multiple ports such as USB Type-C, HDMI, USB 3.1 Gen1, RJ45, and more provide easy connectivity to peripherals like storage devices, or monitors.

## ELEVATED USER EXPERIENCE WITH MODERNIZED FEATURES.

**Sleek and Stylish:** make a statement with a device that has an elegant, dual-tone aluminum cover, diamond cut on the edges for a premium look. At 19.9mm thick, weighing just 1.90kg, and a 180° hinge design, this portable machine lets you conveniently work on your ideas wherever you are.

**Smart features:** AI-based noise canceling technology cuts ambient noise for efficient meeting, especially when working from home. Pick between Private, Shared, or Environmental modes for the ideal conferencing setup. Get instant starts by simply opening the lid of your PC to power on the device.

**Enhanced User Experience:** Smart Power On enables safer, one-step login with a touch of your finger. VoIP Hot Keys<sup>3</sup> enable quick meetings with one key to answer and one to decline calls. Service Hot Key lets you connect to Lenovo support services with just a keystroke. Hear and be heard clearly with HARMAN speakers and dual-array mics that provide impeccable audio clarity during remote meetings.



Up to 10<sup>th</sup> Gen Intel® Core™ i7 processor

ThinkBook  
Lenovo

## CREATIVITY UNLEASHED.

**Display Dynamics:** let your imagination run wild on its stunning 4K IPS screen that supports up to 1.07 Billion colors. TÜV Rheinland certified, flicker-free display along with Eye care mode—adjusts color temperature to filter out blue light—let you work comfortably, without straining your eyes.

**Lifelike Visuals:** make your visuals appear more realistic and true-to-life. Its 10-bit color<sup>4</sup> depth and 100% Adobe RGB color gamut<sup>5</sup> ensure color accuracy and image quality that professional photographers and designers need.

**VESA-certified High Dynamic Range 400:** give more depth to your images with HDR400 that enhances shadows and highlights, revealing more detail and making images lively.

**Windows-compatible HDR Settings:** enhance your PC's display output with Windows HD color settings that improve contrast between the brightest and darkest parts of on-screen content.

**Factory-calibrated with pre-installed X-Rite Color Assistant:** RGB CMYK color calibration technology with delta E<2<sup>6</sup> (lower the delta, closer it is to real life color) offers color accuracy out of the box. Critical for professionals, this ensures accurate color reproduction and brings color consistency across panels for distortion-free and true-to-life visuals.



<sup>1</sup>Intel

<sup>2</sup>Option for Wi-Fi 5 available

<sup>3</sup>Requires Skype for Business or Microsoft Teams account, not pre-installed by Lenovo

<sup>4</sup>Available in HDR mode

<sup>5</sup>Available only with 4K panel.

<sup>6</sup>Factory calibrated for superior accuracy.

www.lenovo.com

CRAFTED FOR THE DOERS

## RECOMMENDED ACCESSORIES

**ThinkBook**

**Lenovo**



### **THINKBOOK URBAN BACKPACK** PN: 4X40V26080

Snug your Lenovo ThinkBook 15p into the padded PC compartment of this multi-functional backpack. Its anti-theft pocket ensures security on the move. High-quality fabric and stylish PU leather accent complement your PC's contemporary design while allowing you to carry it comfortably.

### **THINKPAD HYBRID USB-C WITH USB-A DOCK** PN: 40AF0135XX

Connect to peripherals and work on multiple applications. Engage in texturing or grading your creation on bigger screens by connecting to up to two 4K displays. The dock also offers three high-speed USB 3.1 ports, Display Port, and Rapid Charging on Lenovo ThinkBook 15p. Get more control over your PC with features like Wake-on-LAN from sleep mode, PXE boot, and MAC address pass-through.



### **THINKBOOK BLUETOOTH SILENT MOUSE** PN: 4Y50X88824

Modern, low-profile, with ambidextrous design and silent buttons, this mouse is a must-have premium accessory. A blue optical sensor with track-on-glass compatibility allows you to work effortlessly even on a glossy surface. Dual-host Bluetooth connectivity (with Microsoft SwiftPair) and 2-way scroll with up to 2400 DPI adjustment gives you more precision and control.



## CRAFTED FOR THE DOERS

### PERFORMANCE

#### Processor

Up to 10<sup>th</sup> Generation  
Intel® Core™ i7 processor

#### Operating System

Windows 10 Pro (64 bit)

#### Memory

8/16/32GB DDR4, 2933MHz

#### Graphics

Integrated Intel® UHD graphics with  
NVIDIA® GTX 1650 with Max-Q 4GB  
GDDR6 graphics with Dynamic Boost

Discrete NVIDIA® GTX 1650 Ti with  
Max-Q 4GB GDDR6 graphics with  
Dynamic Boost

#### Storage

supports dual SSD storage  
SSD1: up to 1TB M.2 PCIe (onboard)  
SSD2: up to 1TB M.2 PCIe (open slot<sup>5</sup>)

#### Camera

720p slim camera with ThinkShutter

#### Audio

2 x 2W HARMAN-branded speakers  
with Dolby Audio™

#### Mics

Dual-array microphones

#### Battery

Up to 6.6 hours<sup>1</sup> (on UHD display) with  
57Whr battery  
(Supports RapidCharge)

#### AC Adapter

135W, rectangular connector  
(supports RapidCharge)

#### Security

Default Smart Power On  
(Touch Fingerprint Reader  
integrated with power button)  
ThinkShutter  
Firmware TPM 2.0  
Kensington® lock slot

### DESIGN

#### Materials and Finish

Dual-tone anodized aluminum top cover  
with diamond cut edges

#### Hinge

180° lay-flat mode

#### Display

15.6" UHD (3840 x 2160) IPS, 600nits  
100% Adobe RGB gamut, w/ X-Rite  
Pantone color calibration  
15.6" FHD (1920 x 1080) IPS, 300nits  
100% sRGB gamut

#### Weight

Starts at 1.90kg/4.19lbs.

#### Dimensions

359 x 249.5 x 19.9mm  
14.13 x 9.82 x 0.78 inches

#### Keyboard

Backload type, full-size backlit<sup>2</sup> keyboard  
one-piece touchpad

#### Color

Mineral Gray

#### Durability

MIL-SPEC tested

### CONNECTIVITY

#### WLAN

Up to Wi-Fi 6  
Bluetooth® 5.0

#### Compatible Docking

ThinkPad USB-C Dock Gen2  
Hybrid USB-C Dock

#### Input/Output Ports

1 x USB-C 3.2 Gen1 (Data only)<sup>3</sup>  
2 x USB 3.2 Gen1  
1 x HDMI 2.0  
1 x RJ45  
1 x combo mic/audio  
1 x SD card slot

#### USER EXPERIENCE

Smart Power On  
VoIP<sup>4</sup> Hot Keys  
Service Hot Key  
180° lay-flat hinge  
Flicker-free display

#### PRELOADED SOFTWARE

Lenovo Vantage  
McAfee® LiveSafe™ (trial)  
Microsoft Office  
(trial, except in Japan)

# ThinkBook

# Lenovo

## SERVICES AND SUPPORT: ALL-ROUND CARE FOR YOUR LENOVO THINKBOOK 15p

### PREMIER SUPPORT

Bypass phone menus and scripted troubleshooting to access advanced-level technicians with the expertise needed to quickly diagnose and solve problems. Get a consistent point of contact within Lenovo to ensure that your case resolution is professionally managed from start to finish.<sup>1,2</sup>

### WARRANTY UPGRADES

Onsite Service maximizes PC uptime and productivity by providing convenient, fast repair service at your place. In addition, with Tech Install CRU service the installation of all internal Customer Replaceable Unit (CRU) parts will be done on your behalf by a trained technician.<sup>1</sup>

### WARRANTY EXTENSIONS

This fixed-term, fixed-cost service helps you accurately budget for PC expenses, protect your investment, and lower the cost of ownership over time.<sup>1</sup>

### ACCIDENTAL DAMAGE PROTECTION

Protect your investment from operational or structural damage caused by common accidents like drops, spills, or electrical surges. This protection plan helps with predictable budgeting, minimizes unexpected repair costs and provides significant savings relative to the cost of non-covered repairs.<sup>1,2</sup>

### KEEP YOUR DRIVE

Retain your drive if it should happen to fail, giving you the peace of mind of knowing that your valuable data is secure.<sup>1,2</sup>

<sup>1</sup> Up to 5 years total duration

<sup>2</sup> May not be available in all regions



Up to 10<sup>th</sup> Gen Intel® Core™ i7 processor

<sup>1</sup>Based on testing with MobileMark 2018. Battery life varies significantly with settings, usage, and other factors.

<sup>2</sup>Optional

<sup>3</sup>For data transfer only

<sup>4</sup>Requires Skype for Business or Microsoft Teams account, not pre-installed by Lenovo.

<sup>5</sup>Open slot for users to additionally install a second SSD

© 2020 Lenovo. All rights reserved. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Specifications and features are subject to change without prior notice. Lenovo, the Lenovo logo and ThinkBook are trademarks or registered trademarks of Lenovo. 3<sup>rd</sup> party product and service names may be trademarks of others. Intel, the Intel Logo, Intel Inside, Intel Core, and Core Inside are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards (5Gbit/s for USB 3.1 Gen1; 10Gbit/s for USB 3.1 Gen2; 20Gbit/s for USB 3.2). Product features and images shown may vary by specific model. Check with stockists for details.

www.lenovo.com