

# ThinkPad P16s Gen 5 (Intel)

The ThinkPad workstation, powered by the Intel® H Series Core Ultra 5 / 7 / 9 / X9 Processor (Series 3), is engineered to handle the demanding workloads of business professionals. Featuring an integrated Intel® Arc™ B390 GPU, it is designed to accelerate tasks such as data analysis, complex simulations, and real-time rendering, crucial for business professionals. With the inclusion of Copilot+ PC, professionals can seamlessly manage multiple tasks and boost productivity through enhanced AI-driven insights. Moreover, with up to 96GB LPDDR5X-8533 memory, it effortlessly handles memory-intensive applications such as data visualization software, virtual machines for IT administrators, or large-scale simulations for engineers, ensuring lag-free workflows even under demanding workloads.



## Elevate Professional Endeavors with Powerhouse Workstations

Designed for business users who tackle compute-intensive workflows. With professional-grade graphics and powerful, multi-core processors, Lenovo sets the standard for mobile workstations and ensures best-in-class reliability even when you're away from the office.

Designed for business professionals who demand seamless multitasking and high-performance computing, this ThinkPad workstation empowers productivity with support for up to four independent displays via Thunderbolt™ 4 and HDMI® ports. This feature is ideal for analysts juggling real-time market dashboards, spreadsheet models, and video calls simultaneously, or marketing managers running campaign insights, creative previews, and collaboration tools in parallel.

The 16" 2.8K OLED display option on this workstation is engineered for professionals who rely on visual precision to make critical decisions. Its exceptional clarity and 100,000:1 contrast ratio renders everything accurately, enabling confident presentations and faster approvals.

With up to Intel® H Series Core Ultra 5 / 7 / 9 / X9 Processor (Series 3) and up to 96GB LPDDR5X-8533 memory, performance becomes the defining factor for mobile users, enabling seamless multitasking, faster insights, and uncompromised productivity anywhere.

## 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

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### Lenovo QHD Webcam

- Adaptive framing, smart focus, clarity
- AI noise-cancelling mic included
- Hassle-free setup and use



PN: 4XC1Q25245

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### Lenovo Essential Wireless Combo Keyboard & Mouse Gen 2

- Embrace the freedom of a clutter-free and cable-free work setup.
- Ergonomically sculpted cups and low-profile island keys for maximum comfort.
- A 2.4 MHz receiver for a seamless keyboard and mouse connection.



PN: 4X31N50708 – 4X31N50757

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# ThinkPad P16s Gen 5 (Intel)

## Performance

### Processor

Intel H Series Core Ultra 7 / X7 / 9 / X9 Processor (Series 3)

### AI PC Category\*

AI-Ready Workstations  
Copilot+ PC

### Operating System\*

Windows 11 Pro or Home  
Ubuntu Linux LTS  
Red Hat Enterprise Linux (certified only)

### NPU\*

Up to 50 TOPS

### Graphics

Intel Graphics (integrated)  
Intel Arc B390 GPU (integrated)  
NVIDIA RTX PRO 500 Blackwell Generation 6GB GDDR7 Laptop GPU  
NVIDIA RTX PRO 1000 Blackwell Generation 8GB GDDR7 Laptop GPU"

### Memory

Up to 96GB (1x 96GB LPCAMM2), upgradable

### Storage<sup>1</sup>

Up to one 2TB M.2 2280 Gen 5 Performance SSD

<sup>1</sup>The storage capacity supported is based on the test results with current Lenovo storage offerings.

### Audio\*

SoundWire  
Stereo speakers, 2W x2, Dolby Atmos  
Dual-microphone array, 360° far-field, Dolby Voice

### Camera\*

5.0MP + IR with Privacy Shutter, HDR and Computer Vision Human Presence Detection  
5.0MP with privacy shutter, temporal noise reduction"

### Battery<sup>2</sup>

60Wh or 90Wh battery, Rapid Charge

<sup>2</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\*

100W USB-C slim adapter, PD 3.0  
140W USB-C GaN adapter, supports PD 3.1, 100-240V, 50-60Hz

## Design

### Display<sup>3</sup>

16" WUXGA (1920x1200) IPS Antiglare 16:10- 400nits, 45% NTSC, 60Hz  
- 500nits, 100% sRGB, Multitouch, 30 - 60Hz, UL Eyesafe 2.0  
16" 2.8K (2880x1800) OLED Antiglare 16:10  
- 500nits, DCI-P3, 30 - 120Hz, 89% screen to body ratio, X-Rite Factory, DisplayHDR, Dolby Vision,, UL Eyesafe 2.0

<sup>3</sup>IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

### Keyboard

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

### Touchpad

TrackPoint and glass-like Mylar surface TrackPad  
67 x 115 mm (2.64 x 4.53 inches)

### Dimensions<sup>4</sup>

357.9 x 247.9 x 11.45 / 18.15 (front / rear), 23.3 (maximum) mm  
14.09 x 9.76 x 0.45 / 0.71 (front / rear), 0.92 (maximum) inches"

<sup>4</sup>The system dimensions may vary depending on configurations.

### Weight<sup>5</sup>

Starting at 1.79 kg (3.96 lbs)

<sup>5</sup>The system weight is approximate and may vary depending on configurations

### Color

Black

### Case material

Aluminium (top), PC-ABS (bottom)

## Connectivity

### Ethernet\*

Gigabit onboard Ethernet

### WLAN + Bluetooth\*<sup>6</sup>

Intel Wi-Fi 7 BE211, 802.11be, Bluetooth 5.4

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

### WWAN\*

5G Sub-6 GHz with embedded eSIM

### NFC

Near Field Communication\*

### Ports

1x USB-A (USB 5Gbps / USB 3.2 Gen 1))\ 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On  
2x Thunderbolt 4, with USB PD 3.1 & DP 2.1, 140W input / 15W output  
1x HDMI 2.1, up to 4K/60Hz  
1x Headphone / microphone combo jack (3.5mm)  
1x Ethernet (GbE RJ-45)  
1x SD Express 7.0 card reader  
1x Kensington Nano Security Slot  
1x Nano-SIM card slot (WWAN support models)\*  
1x Smart card reader\*\*

## Security & Privacy

### Security

Discrete TPM 2.0  
Kensington Nano Security Slot  
Smart card reader, supports ISO 7816 and EMV\*  
Touch style fingerprint reader\*. Camera privacy shutter  
IR camera for Windows Hello (facial recognition)\*  
Computer Vision-based Human Presence Detection\*\*

## Manageability

### System Management\*

Intel vPro Enterprise\*

## Environmental

### Material

85% PCC recycled plastic for non-backlit keycaps  
90% PCC recycled plastic used in speaker enclosure  
97% PCC recycled plastic used in the battery pack enclosure  
90% PCC recycled plastic used in 100W/140W adapter  
Plastic free packaging with 90% recycled and/ or FSC certified content

## Certifications

### Green Certifications<sup>7 8 9</sup>

ENERGY STAR 9.0  
EPEAT Gold Registered  
RoHS compliant  
TCO Certified, generation 10"

<sup>7</sup>The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

<sup>8</sup>EPEAT registration and ENERGY STAR certification are optional and only available on the models with preloaded OS.

<sup>9</sup>EPEAT is registered where applicable, please see [epeat.net](https://www.epeat.net) for registration status by country.