Powerful, mobile, and visually stunning, the ThinkPad P1 is the perfect combination of form and function designed to be admired. This sleek design hints at what’s inside: a powerful system that offers the professional performance of the latest Intel Core processors and graphics support up to NVIDIA RTX A5500 GPU. Now with a liquid metal thermal design, the P1 provides improved cooling performance and long-term reliability.

Boasting a 16-inch panel, narrow bezel and a 16:10 aspect ratio for increased screen real estate, the P1 is a content creator’s dream. Designed with the modern user in mind, the P1 offers low blue light displays, Dolby Vision and color calibration for crisp, clear images, plus ultimate 5G connectivity, creating the perfect combination of power, ultra-premium design, and true mobility.

THE POWER YOU NEED, THE MACHINE YOU WANT

Features:
- 12th Gen Intel® Core™ Processors
- Up to NVIDIA RTX™ A5500 or NVIDIA® GeForce® RTX 3070 Ti /3080 Ti Graphics
- 16” 16:10 Display with Low Blue Light & X-Rite Color Calibration
- Thin & Light Carbon Fiber Weave or Black Chassis Options
- 64GB DDR5 4800MHz Memory
- Up to 8TB M.2 PCIe Gen4 NMVe SSD Storage
- Sustainable materials & certifications
### Lenovo ThinkPad P1 Gen 5 Specifications

**PERFORMANCE**

**Processor**
- 12th Gen Intel® Core™ i7, i9 H-Series (up to 14 cores, up to 5.0GHz)

**Operating System**
- Windows 11 Pro
- Windows 11 Home
- Windows 10 Pro (preinstalled through downgrade rights in Windows 11 Pro)

**Graphics**
- Discrete: Up to NVIDIA RTX™ A5500 16GB VRAM or NVIDIA® GeForce® RTX 3070 Ti/3080 Ti 8GB/16GB VRAM
- Processor Integrated: Intel Iris Xe

**Camera**
- FHD Camera with ThinkPad Webcam Privacy Shutter
- FHD Hybrid IR Camera with ThinkPad Webcam Privacy Shutter

**Total Memory**
- Up to 64GB DDR5 4800MHz

**Memory DIMM Capacity**
- 8GB / 16GB / 32GB
- 2 SoDIMM slots

**Total Storage**
- Up to 8TB M.2 PCIe Gen4 NVMe Performance SSD
- Up to 2 drives

**RAID**
- 0/1

**Battery**
- 90Whr

**Power Supply**
- 135W Slim, 170W Slim, 230W Slim

**CONNECTIVITY**

**Ports**
- (2) USB-A 3.2 Gen 1*, 1 Always On
- (2) USB-C Thunderbolt 4
- (1) HDMI 2.1
- (1) Mic/Headphone Combo Jack
- (1) SD Express 7.0 Card Reader

**WLAN**
- Intel Wi-Fi 6E AX211 (2x2ax) with Bluetooth™ 5.2 vPro®

**WWAN**
- Fibocom FM350-GL 5G sub-6 with eSIM®

** ThinkShield**
- dTPM 2.0
- Fingerprint reader integrated with power button (match-on-chip)
- ThinkPad Webcam Privacy Shutter
- Kensington Lock Slot

**Portability**
- Tile Ready

**SOFTWARE**

**Windows Preload**
- Lenovo Commercial Vantage

**ISV CERTIFICATIONS**
- Including ArcGIS®, AutoCAD®, CATIA®, Creo®, Inventor®, Microstation®, NX®, Solid Edge®, SolidWorks®, Vectorworks®
- For a complete list of ISV certifications visit http://www.thinkworkstations.com/isv-certifications/

**ADDITIONAL FEATURES**
- Modern Standby
- Wake on Voice
- Ultra Performance Mode
- Self Healing BIOS

**DESIGN**

**Display**
- 16"/16:10 Display
- WQUXGA (UHD+) (3840x2400)
- IPS Touch, AR-AS, 600nit, 100% Adobe, Low Blue Light, HDR400, Dolby Vision HDR, X-Rite FCC
- IPS, AG, 600nit, 100% Adobe, Low Blue Light, HDR400, Dolby Vision HDR, X-Rite FCC
- WUXGA (QHD+) (2560x1600)
- IPS, AG, 500nit, 100% sRGB, Low Blue Light, 165Hz, X-Rite FCC
- WUXGA (FHD+) (1920x1200)
- IPS, AG, 300nit, 100% sRGB, Low Blue Light, X-Rite FCC

**Keyboard**
- ThinkPad Keyboard, Backlit, Spill Resistant

**Dimensions (WxDxH)**
- (mm): 359.5 x 253.8 x 17.7
- (inches): 14.1 x 9.6 x 0.7

**Weight**
- Starting at 3.99lbs (1.81kg)

**SUSTAINABILITY**
- Material
- Low-temperature solder
- 90% recycled and/or sustainable packaging

**Green Certifications**
- EPEAT Gold®
- ENERGY STAR® 8.0
- RoHS Compliant
- TCO 9.0

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**Recommended Services**

- Lenovo offers a comprehensive portfolio of services to support and protect your ThinkPad investment—so you can focus on your business, not your IT.

**Premier Support**
- Bypass phone menus and scripted troubleshooting to access advanced-level technicians with the expertise needed to quickly diagnose and solve problems.

**Warranty Upgrades—Onsite and Next Business Day**
- Maximizes PC uptime and productivity by providing convenient, fast repair service the next business day.

**Warranty Extensions (1 to 5 years total duration)**
- This fixed-term, fixed-cost service helps you accurately budget for PC expenses, protect your valuable investment, and potentially lower the cost of ownership over time.

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