ThinkPad® P17 Gen 2

BIG POWER, BIG PERFORMANCE
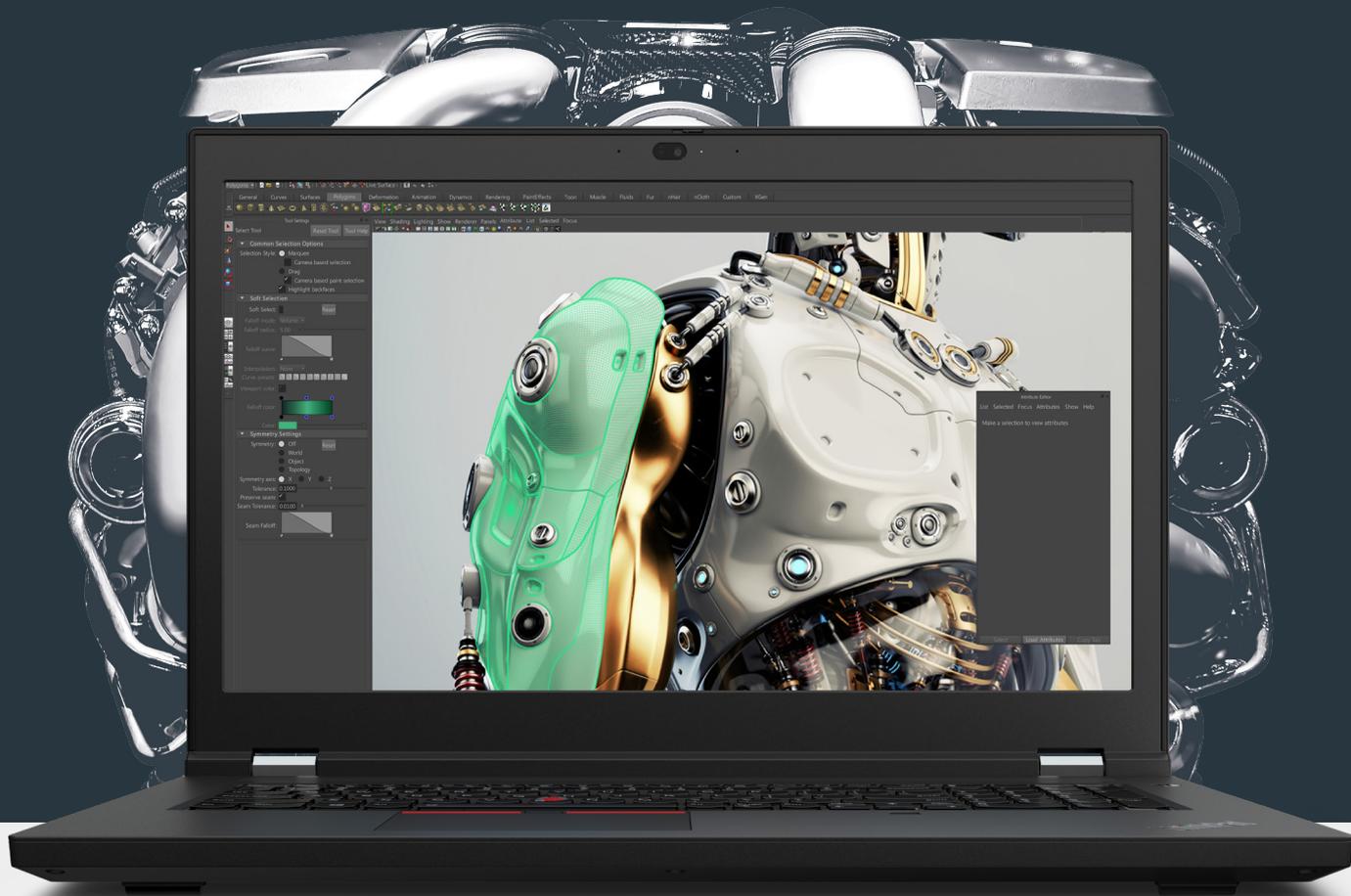
MAXIMIZE YOUR CREATIVE SPACE

Maximize your workspace with the ThinkPad® P17. Built for the ultimate performance experience, the P17 features the latest Intel processors, NVIDIA RTX A5000 professional graphics, and PCIe Gen4 SSDs for faster, advanced storage technologies. The interior features our Ultra Performance Mode, with a user-controlled performance boost, so you can tap into the full potential of the system when you need even more power. Robust features such as Dolby Atmos® sound, and brighter UHD with color calibration are paired with an outstanding 17.3″ display that lets designers, creators, and engineers amplify their productivity.

FEATURES

- 11th Gen Intel® Core™ or Xeon®
- Up to NVIDIA® RTX™ A5000 Graphics Card
- 17.3″ UHD Display with Dolby Vision™ HDR
- Up to 6TB M.2 PCIe Gen4 NVMe SSD Storage
- Up to 128 DDR4 3200MHz ECC/non-ECC Memory
- Top-firing Dolby Atmos™ Speaker System

Lenovo™

Lenovo™ Options & Accessories*

ThinkVision® P27h-20

ThinkPad® Workstation Thunderbolt™ 4 Dock
PN: 40B00300xx

ThinkReality® A3 XR1 3G+32G

Lenovo ThinkPad P17 Gen 2 Specifications

PERFORMANCE

Processor
11th Gen Intel® Core™ or Xeon®
(up to 8 cores, up to 5.0GHz)

Operating System
Windows 10 Pro for Workstation[1]
Windows 10 Pro[2]
Windows 10 Home
Ubuntu® Linux®[3]
Red Hat® Enterprise Linux® (certified)
Fedora® Linux

Graphics
Up to NVIDIA® RTX™ A5000 16GB VRAM

Camera
HD Hybrid IR[4] Camera with ThinkPad Webcam Privacy Shutter

Total Memory
Up to 128GB DDR4 3200MHz

Memory DIMM Capacity
8GB / 16GB / 32GB ECC[1] & non-ECC[2]
4 SoDIMM slots

Total Storage
Up to 6TB M.2 NVMe PCIe Gen4 SSD
Up to 3 drives

RAID
0/1

Battery
94WHr

Power Supply
170W Slim
230W Slim

CONNECTIVITY

Ports
(2) USB-A 3.2 Gen 1**, 1 Always On
(2) USB-C Thunderbolt 4
(1) USB-C
(1) HDMI 2.1/2.0
(1) Mic/Headphone Combo Jack
(1) Smart Card Reader[4]
(1) Nano-SIM card slot[4]
(1) RJ-45 Gigabit Ethernet

WLAN
Intel Wi-Fi 6E AX210 +
Bluetooth™ 5.2 vPro

WWAN
Quectel EM160R-GL 4G LTE CAT16[4]

Media Card Reader
SD Card Reader

ThinkShield
dTPM 2.0
Touch Fingerprint Reader
ThinkPad Webcam Privacy Shutter
Kensington Lock Slot

SOFTWARE

Lenovo Preload[5]
Lenovo Commercial Vantage

ISV CERTIFICATIONS
Including ArcGIS®, AutoCAD®, CATIA®, Creo®, Inventor®, Microstation®, NX®, PDMS®, Revit®, Solid Edge®, Solid-Works®, Vectorworks®, Petrel®, Deci-sion Space®, 3dsMax®, Maya®

For a complete list of ISV certifications visit
http://www.thinkworkstations.com/isv-certifications/

DESIGN

Display
17.3″ Display

UHD (3840 x 2160) IPS
- AG, 500nit, HDR400, Dolby Vision HDR

FHD (1920 x 1080) IPS
- AG, 300nit

Keyboard
ThinkPad Keyboard with Numeric Keypad, Backlit, and Spill Resistant

Dimensions (WxDxH)
(mm): 415.4 x 280.8 x 24.3-32.4
(inches): 16.3 x 11 x 0.9-1.2

Weight
Starting at 8.09lbs (3.67kg)

GREEN CERTIFICATIONS
EPEAT®[6]
ENERGY STAR 8.0
RoHS Compliant

Additional Features
Ultra Performance Mode
Self Healing BIOS

* For a full list of accessories and options, please visit:
https://accsmartfind.lenovo.com

1 Intel Xeon configurations

2 Intel Core configurations

3 Select Versions Available Via Preload; Versions are Configuration Specific

4 Optional

5 Available with Windows 10 Operating System only

6 Certification Available on Select Models; EPEAT registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country

** USB port transfer speeds are approximate and depend on many factors, such as processing capability of host/peripheral devices, file attributes, system configuration and operating environments; actual speeds will vary and may be less than expected.

RECOMMENDED SERVICES

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. [1,2]

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.[1]

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.[1]

[1]Optional
[2]Up to 5 years total duration

NVIDIA STUDIO

intel XEON