ThinkPad P53

Recommended for mobile users with advanced workloads such as data analysis, graphics and 3D rendering, and even AR/VR content generation. Configure with powerful 8-core processors, NVIDIA Quadro RTX5000 graphics, and up to 3 storage drives. For true-to-life images with superb color and black levels, select the Dolby Vision™ HDR screen. This model features a new smaller power supply, Dolby Atmos® audio system, and even optional 4G WWAN connectivity.

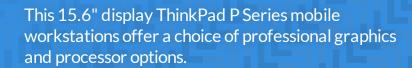## PROFESSIONAL MACHINES FOR ADVANCED USERS

REASONS TO BUY

Lenovo Performance Tuner makes it easy to edit power management settings, BIOS, processor priority, graphics features and more. Save settings in software-specific profiles or use the predefined profiles created by our experts, already tuned for popular applications.

Certified or recommended for use with: Adobe Premiere Pro, Adobe After Effects, Adobe Photoshop

Configure with an 8-core Intel Xeon™ or Core™ i9 processor, fast M.2 SSD storage and up to 128GB of memory; enabling multitasking of large spreadsheets, databases or complex statistical software.

This 15.6" display ThinkPad P Series mobile workstations offer a choice of professional graphics and processor options.

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ThinkPad P53

KEY SPECIFICATIONS

Processor	up to Intel Xeon processor E-2200 or 9th Gen Intel Core i9 processor
Operating System	Powered by Windows 10 Pro for Workstations
Display	15.6"" Dolby Vision HDR screen, 4K (3840x2160), OLED, 100000:1 contrast ratio, 100% DCI-P3 gamut (touch) 15.6"" Dolby Vision HDR screen, 4K (3840x2160), WVA, 1200:1 contrast ratio, 100% gamut 15.6"" Dolby Vision HDR screen Full HD (1920x1080), WVA, 1200:1 contrast ratio, 72% gamut 15.6"", Full HD (1920x1080), WVA, 700:1 contrast ratio, 72% gamut
Color Calibrator	Factory Color Calibration
Touchscreen	touchscreen on 4K OLED display, optional Lenovo Pen Pro
Graphics	up to NVIDIA Quadro RTX 5000
Memory	up to 128GB DDR4-2400 ECC or non-ECC
Storage	up to 3x 2TB M.2 PCIe NVMe or 1x 2.5"" 2TB SATA HDD + 2x 2TB M.2 PCIe NVMe optional RAID 0/1/5 optional Intel Optane 32GB memory
Audio	2x 2W stereo speakers with Dolby Atmos Optional dual array far-field mics
Battery†	up to 13hrs, 90Wh
Power Adapter	*One of the following* 170W Slim Tip 230W Slim Tip
Camera	*One of the following* 720p + IR with ThinkShutter 720p with ThinkShutter
Keyboard	Backlit, spill-resistant keyboard
Color	Black
Dimensions	From Width: 377.4mm (14.86") Depth: 252.3mm (9.93"") Height: 24.5-29.4mm (0.96-1.16""), non-touch models
Weight	starting at 2.5kg (5.51lb), non-touch models

GREEN CERTIFICATIONS

EPEAT Silver. ENERGY STAR 7.1

OTHER CERTIFICATIONS

MIL-STD-810G military testing

CONNECTIVITY

I/O Ports	2x USB 3.1 Gen 1 (1x Always On), 1x USB 3.1 Type-C Gen 1 (power delivery and DisplayPort), 2x USB 3.1 Type-C Gen 2 / Thunderbolt 3 (power delivery and DisplayPort), HDMI 2.0, Ethernet (RJ-45), nano-SIM card slot (WWAN models), audio combo jack, optional smart card reader, 4-in-1 reader (MMC, SD, SDHC, SDXC), security keyhole
WLAN + Bluetooth	Intel AX200 11ax, 2x2 + BT5.1
WWAN	Optional
NFC	Optional
Docking	Compatible with Thunderbolt™ 3 and USB 3.0 & USB-C docking solutions

SECURITY & PRIVACY

Fingerprint Reader
Smart Card Reader
Discrete TPM 2.0
IR Camera with Windows Hello
Kensington lock slot

MANAGEABILITY

Intel vPro (optional)

ISV CERTIFICATIONS

ALLPLAN, ANSYS, AVEVA PDMS, AVEVA PDMS, E3D, Hull & Outfitting, BOCAD, Adobe After Effects, Adobe Photoshop, Adobe Premiere Pro, Altair HyperWorks, Autodesk 3ds Max, Autodesk Alias, Autodesk AutoCAD, Autodesk Inventor, Autodesk Maya, Autodesk Revit, Autodesk VRED, Avid Media Composer, BarcoMedical Monitors, Bentley MicroStation V8i, CONNECT Edition, LumenRT, DS (CATIA, DELMIA, ENOVIA), DS 3DEXPERIENCE, DS ICEM Surf, DS SOLIDWORKS, Esri ArcGIS Desktop, McKesson / Change Healthcare Enterprise Medical Imaging, PTC Creo, Siemens NX, TcVis, Tecnomatix, Siemens Solid Edge, Vectorworks

Recommended for this device

ThinkPad Professional Backpack

Lightweight bag (1.3kg/2.87lbs) with unique design that cradles a laptop for superior protection

Compatible with laptops up to 15.6"

Hidden security pocket for valuables and a tablet storage pouch

ThinkPad Ultra Docking Station (2018)

Side-mounted mechanical docking connection provides rapid charging power, data & video connection

2x USB-C, 4x USB3.1 ports (including 1x always-on)

2x DisplayPort 1.4, 1x HDMI 2.0, 1x VGA