

# ThinkPad P52

Setting a new performance standard for mobile workstations, this 15.6" device can be configured with a 6-core Intel® Xeon® E processor and the VR-ready NVIDIA Quadro® P3200 graphics card. Install up to 64GB of ECC memory, protecting high-value data from memory errors. For advanced users multi-tasking applications, it supports direct connection to multiple displays. There's optional 4G WWAN connectivity too, for use at locations where WiFi may not be available.

## PROFESSIONAL MACHINES FOR ADVANCED USERS



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



## REASONS TO BUY

Productivity is assured with the legendary ThinkPad keyboard for superior comfort and typing accuracy, dedicated number keypad and backlit keys. Connect to peripherals quickly when at a desk using the new side docking connector compatible with Lenovo docking solutions.

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

High contrast ratio screen is ideal for data visualization. Multicore processor options enable users to handle complex spreadsheets and statistical software with ease.



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## KEY SPECIFICATIONS

Processor	up to Intel Xeon processor E-2100 or 8th Gen Intel Core i9 processor
Operating System	Powered by Windows 10 Pro for Workstations
Display	15.6" screen, 4K (3840x2160), WVA, 1000:1 contrast ratio, 100% Adobe gamut (touch) 15.6" screen, Full HD (1920x1080), WVA, 700:1 contrast ratio, 72% gamut
Touchscreen	touchscreen on 4K display with optional Lenovo Pen Pro
Graphics	up to NVIDIA Quadro P3200
Memory	up to 64GB DDR4-2400 ECC or 128GB DDR4-2400 non-ECC
Storage	up to 1x 2.5" 2TB SATA HDD + 2x 2TB M.2 PCIe NVMe optional RAID 0/1
Audio	2x 2W stereo speakers Dolby Premium Audio for Speakers Dolby Atmos for Headphone Optional dual array mics
Battery†	up to 8.9hrs, 90Wh
Power Adapter	170W Slim Tip
Camera	One of the following 720p + IR without 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 2.45kg (5.4lb), non-touch models

## GREEN CERTIFICATIONS

EPEAT Silver. ENERGY STAR 6.1

## OTHER CERTIFICATIONS

MIL-STD-810G military testing

## CONNECTIVITY

I/O Ports	3x USB 3.1 Gen 1 (1x Always On), 2x USB Type-C / Thunderbolt 3 (power delivery and DisplayPort), Mini DisplayPort 1.4, 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 9560 11ac, 2x2 + BT5.0
WWAN	Optional
NFC	Optional
Docking	Compatible with Thunderbolt™ 3, Side Mechanical dock 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, Adobe After Effects, Adobe Photoshop, Adobe Premiere Pro, Altair HyperWorks, Autodesk Alias, Autodesk AutoCAD, Autodesk Inventor, Autodesk Revit, Autodesk VRED, Avid Media Composer, Bentley MicroStation V8i, CONNECT Edition, LumenRT, DS (CATIA, DELMIA, ENOVIA), DS 3DEXPERIENCE, DS SOLIDWORKS, Esri ArcGIS Desktop, Fujifilm Synapse, PTC Creo, Phillips Enterprise Imaging (IntelliSpacePACS), Sectra Enterprise Imaging, Siemens NX, TcVis, Tecnomatix, Siemens PACS Solutions, Siemens Solid Edge, Vectorworks, Vital Enterprise Imaging

## 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 Thunderbolt 3 Workstation Dock Gen 2

Provides up to 170W of power for a ThinkPad mobile workstation or laptop via a single cable

5x USB3.1 (1x always-on for charging mobile devices), front-facing Thunderbolt 3 port for 40Gbps data transfer

2x DisplayPort, 2x HDMI - connect up to 3x 4K displays

Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. † Based on testing with MobileMark 2014. Battery life varies significantly with settings, usage, and other factors. © 2020 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. 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.