

ThinkPad P51 Platform Specifications

[illegible]

Dimensions	WxDxH: 14.86" x 9.93" x 0.96-1.16"; 377.4mm x 252.3mm x 24.5-29.4mm WxDxH(Touch): 14.86" x 9.93" x 1.02-1.21"; 377.4mm x 252.3mm x 25.8-30.7mm		
Weight	Models	4-cell	6-cell
	Non-touch	5.6 lb / 2.55kg	5.9 lb / 2.67kg
	Multi-touch	6.2 lb / 2.82kg	6.4 lb / 2.90kg
Case color	Black		
Case material	Display cover: Glass-Fiber Reinforced Plastic; Bottom: Magnesium/Aluminum		
Smart card reader	Optional: Smart card reader		
ExpressCard	One slot (ExpressCard/34)		
Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC), supports UHS-II SD card		
Ports	Four USB 3.1 Gen 1 (USB 3.0, one Always On), USB Type-C / Thunderbolt 3, Mini DisplayPort 1.2a, HDMI 1.4b, Ethernet (RJ-45), Dock connector <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>		
Camera (optional)	HD720p resolution, fixed focus		
Audio support	HD Audio, Realtek® ALC3268 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack		
Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight		
UltraNav™	3-button TrackPoint® pointing device and 3-button Mylar surface multi-touch touchpad		
Security	Power-on password, hard disk password, supervisor password, security keyhole		
Security chip	Discrete TPM 2.0, TCG Certified		
vPro (optional)	Intel vPro Technology		
Fingerprint reader	Touch style match on chip fingerprint reader on the palm rest		
Color calibration	Optional: Pantone® color calibrator by X-Rite® color calibration sensor in palm rest		
NFC	None		
Battery	Lithium Polymer 4-cell (66Wh) or 6-cell (90Wh)		
Max battery life ¹⁰	Model	4-cell	6-cell
(MobileMark® 2014)	Discrete Graphics	4.5 hr	6.1 hr
	Hybrid Graphics	6.5 hr	8.9 hr
<i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>			
AC adapter	170W slim tip AC adapter		
Operating system	One of the following, configurable by model: • Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 • Windows® 10 Home 64 • Windows 10 Pro 64 • Windows 10 Pro 64 for Workstations		
Limited warranty	One of the following, configurable by model: • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service		
Mil-Spec test	MIL-STD-810G military testing		
Environment	EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant		

Note: The specifications above may not be available in all regions.