

ThinkPad T14 Gen 1 (Intel) Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i5 / i7 Processor										Dimensions Weight	WxDxH: 12.95" x 8.94" x 0.70"; 329mm x 227mm x 17.9mm																																																																												
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics				Models	HD	FHD	FHD Touch	FHD Low Power	UHD	Privacy Guard																																																																						
	i5-10210U	4	8	1.6 GHz	4.2 GHz	6MB	DDR4-2666	Intel UHD Graphics				Weight	3.3 lb / 1.5 kg	3.33 lb / 1.51 kg	3.55 lb / 1.61 kg	3.51 lb / 1.59 kg	3.28 lb / 1.49 kg	3.56 lb / 1.61 kg																																																																						
	i5-10310U			1.7 GHz	4.4 GHz	6MB																																																																																		
	i7-10510U			1.8 GHz	4.9 GHz	8MB																																																																																		
i7-10610U	1.8 GHz			4.9 GHz	8MB																																																																																			
Graphics	Intel UHD Graphics in processor only or Intel UHD Graphics in processor and NVIDIA® GeForce® MX330, 2GB GDDR5 memory; supports up to 3 independent displays via native display and two external monitors; supports external monitors via HDMI (up to 4096x2160@24Hz), USB-C (up to 4096x2304@60Hz) or Thunderbolt (up to 4096x2304@60Hz)										Case color	Black																																																																												
Chipset Memory	Intel SoC (System on Chip) platform 40GB or 48GB max / 2666MHz DDR4, dual-channel capable, 8GB or 16GB memory soldered to systemboard, one DDR4 SO-DIMM socket <i>* Installed memory is actually 3200MHz but run at 2666MHz due to Intel limitation</i>										Case material	<i>Top cover:</i> PPS / 50% GF <i>Keyboard cover:</i> PC / ABS / Talc15 + Magnesium alloy <i>Bottom:</i> PA / 50% GF with optional ISO 22196 compliant anti-microbial surface treatment (not including keyboard, display, and display bezel)																																																																												
											Smart card reader	<i>Optional:</i> Smart card reader																																																																												
Display	<table><tr><th>Size</th><th>Resolution</th><th>Type</th><th>Surface</th><th>Touch</th><th>Bright-ness</th><th>Aspect Ratio</th><th>Contrast Ratio</th><th>Color Gamut</th><th>Viewing Angle</th></tr><tr><td>14.0"</td><td>HD (1366x768)</td><td>TN</td><td>Anti-glare</td><td>-</td><td>220 nits</td><td>16:9</td><td>400:1</td><td>45%</td><td>90°</td></tr><tr><td>14.0"</td><td>FHD (1920x1080)</td><td>IPS</td><td>Anti-glare</td><td>-</td><td>250 nits</td><td>16:9</td><td>700:1</td><td>45%</td><td>170°</td></tr><tr><td>14.0"</td><td>FHD (1920x1080)</td><td>IPS</td><td>Anti-glare</td><td>Multi-touch</td><td>300 nits</td><td>16:9</td><td>700:1</td><td>45%</td><td>170°</td></tr><tr><td>14.0"</td><td>FHD (1920x1080) Low Power</td><td>IPS</td><td>Anti-glare</td><td>-</td><td>400 nits</td><td>16:9</td><td>800:1</td><td>72%</td><td>170°</td></tr><tr><td>14.0"</td><td>FHD (1920x1080) ThinkPad Privacy Guard</td><td>IPS</td><td>Anti-glare</td><td>Multi-touch</td><td>500 nits</td><td>16:9</td><td>1000:1</td><td>72%</td><td>178°</td></tr><tr><td>14.0"</td><td>UHD (3840x2160) HDR400, Dolby Vision™</td><td>IPS</td><td>Glossy</td><td>-</td><td>500 nits</td><td>16:9</td><td>1500:1</td><td>100%</td><td>178°</td></tr></table>										Size	Resolution	Type	Surface	Touch	Bright-ness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	14.0"	HD (1366x768)	TN	Anti-glare	-	220 nits	16:9	400:1	45%	90°	14.0"	FHD (1920x1080)	IPS	Anti-glare	-	250 nits	16:9	700:1	45%	170°	14.0"	FHD (1920x1080)	IPS	Anti-glare	Multi-touch	300 nits	16:9	700:1	45%	170°	14.0"	FHD (1920x1080) Low Power	IPS	Anti-glare	-	400 nits	16:9	800:1	72%	170°	14.0"	FHD (1920x1080) ThinkPad Privacy Guard	IPS	Anti-glare	Multi-touch	500 nits	16:9	1000:1	72%	178°	14.0"	UHD (3840x2160) HDR400, Dolby Vision™	IPS	Glossy	-	500 nits	16:9	1500:1	100%	178°	Media reader	MicroSD card reader						
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Ports	Two USB 3.2 Gen 1 (one Always On), one USB 3.2 Type-C Gen 1 (with the function of Power Delivery and DisplayPort), one USB 3.2 Type-C Gen 2 / Thunderbolt 3 (with the function of PD and DP), HDMI 1.4b, Ethernet (RJ-45), nano-SIM card slot (WWAN models), headphone / microphone combo jack, optional smart card reader, microSD card reader, side docking connector, security keyhole <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>																																																																																							
Monitor cable (optional)	• Lenovo HDMI to VGA Monitor Adapter • Lenovo USB-C to VGA Adapter • Lenovo USB-C to DisplayPort Adapter																																																																																							
Bundled Accy	None																																																																																							
Camera (optional)	• HD720p camera with ThinkShutter camera privacy, fixed focus • IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus																																																																																							
Audio support	HD Audio, Realtek® ALC3287 codec / Dolby® Audio speaker system, 2W x 2 / optional dual array far-field microphone, headphone / microphone combo jack																																																																																							
Keyboard	6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, optional LED backlight																																																																																							
UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad																																																																																							
Security	Power-on password, hard disk password, supervisor password, security keyhole																																																																																							
Security chip	• Firmware TPM 2.0 integrated in chipset • Discrete TPM 2.0 TCG Certified																																																																																							
System Mgt (opt)	Intel vPro Technology																																																																																							
Fingerprint reader	<i>Optional:</i> Touch style match on chip fingerprint reader on the palm rest																																																																																							
NFC (optional)	Near Field Communication																																																																																							
Battery	Integrated Li-Polymer 50Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter																																																																																							
Max battery life	<i>MobileMark® 2014:</i> 16.5 hr <i>MobileMark 2018:</i> 10.5 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>																																																																																							
AC adapter	• 45W USB-C AC adapter • 65W USB-C AC adapter • 65W USB-C slim AC adapter																																																																																							
Operating system	<i>Optional:</i> Windows® 10 Home 64 or Windows 10 Pro 64																																																																																							
Limited warranty (optional)	• 1-year depot repair service • 1-year depot with 2-year system board repair service • 1-year limited onsite service • 1-year + 2-year depot repair service • 1-year + 2-year onsite 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; ENERGY STAR® 8.0; RoHS-compliant																																																																																							

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

Lenovo
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