ThinkPad P1 Gen 3 Platform Specifications

	Supports one 10th Xeon W, Core i9, i7, or i5 processor as following:										Coop color	Woven Carbon Fiber Finish (standard on OLED models, optional on UHD WVA
Processor		. #	of #	of B	ase	Max Turbo		Memory	Dro	ocessor	Case color	models) or black
	Processor Nu	mber Co				Frequency	Cache	Types	Gı	raphics	Case material	Display cover: Carbon Fiber (Black or woven pattern) + PC + PPS Hybrid Bottom: Aluminum + PC / ABS
	Xeon W-108	355M 6	3 1	12 2.8	GHz	5.1GHz	12MB	DDR4-293		el UHD aphics	Media reader	SD card reader
	Core i9-108	85H 8	3 1	16 2.4	GHz	5.3GHz	16MB	DDR4-293	Inte	el UHD aphics	Standard Ports	2x Thunderbolt (USB-C form, Thunderbolt 3, USB 3.2 Gen 2, PD, DP), 2x USB-A 3.2 Gen 1 (one Always-on), 1x HDMI 2.0, 1x headphone / micro- phone combo jack, 1x SD card reader, 1x security keyhole
	0 :7.400	7511			3GHz	5.1GHz	16MB	DDR4-293	. Inte	el UHD	Optional Ports	One optional Nano-SIM card slot on right
	Core i7-108	75H 8	3 7	16 2.3						aphics		Up to 4 displays with 3 external monitors plus system LCD screen. External
	Core i7-108	50H 6	3 1	12 2.7	GHz	5.1GHz	12MB	DDR4-293		el UHD aphics	Monitor support	monitors supported via 2x Thunderbolt and 1x HDMI. HDMI supports up to 4K@60Hz. Two Thunderbolt support up to 5K@60Hz each
	Core i7-107	50H 6	3 1	12 2.6	GHz	5.0GHz	12MB	DDR4-293		el UHD	Monitor cable	Optional HDMI to VGA, USB-C to DP, or USB-C to VGA adapters
	Intel WM400 Chincot Bundled Accy None											
Chipset	Intel WM490 Chipset										-	Supports one optional camera as following:
Memory Type	SO-DIMM. DDR4-3200 for non-ECC, DDR4-2933 for ECC. Both ECC and non-ECC memory operate at DDR4-2933.										Camera	 HD720p camera with ThinkShutter camera privacy, fixed focus
	8GB/16GB/32GB available for both ECC and non-ECC											Hybrid IR camera with ThinkShutter camera privacy, fixed focus
Memory Sockets	2 DIMM sockets										Audio chip	Realtek ALC3286 codec
	ECC on models with ECC DIMMs and Voor processor										Speaker	Stereo speakers, Dolby ATMOS Speaker System
Max Memory	64GB										Microphone	Optional dual far-field microphone
,	Intel UHD Graphics in processor, also supports one of the following optional discrete graphics:										Keyboard	6-row, spill-resistant, LED backlight, multimedia Fn keys with Unified Communications controls. 3-button TrackPoint pointing device and 2-button glass surface multi-touch
Graphics	NVIDIA Quadro T1000 with Max-Q Design, 4GB GDDR6 memory										UltraNav	touchpad
	NVIDIA Quadro T1000 with Max-Q Design, 4GB GDDR6 memory										Password	Power-on password, hard disk password, supervisor password
Display						ĺ	Acnost		Color	Viewing	Security chip	Discrete TPM 2.0, TCG Certified, may be disabled in some regions
	Size Resolut	ion	Туре	Surface	louch	Brightness	Ratio	Ratio	Gamut	Angle	System mgmt	Optional Intel vPro Technology supported on vPro enable models
									72% NTSC		Security locks	Security keyhole for optional Kensington lock
	15.6" FHD (1	920x1080)	80) WVA	Anti-glare	-	300 nits	16:9	700:1		170°	Smart card reader	
												Touch style match on chip fingerprint reader on the palm rest
	15.6" FHD (19 Dolby V		1	Anti-glare	-	500 nits	16:9	800:1	72% NTSC	170°	Battery	Integrated Li-Polymer 80Wh battery. Supports Rapid Charge (charge up to 80% in 1hr) with 135W AC adapter
	15.6" UHD (3 Dolby V	840x2160) ision HDR	WVA	Anti-glare	-	600 nits	16:9		100% Adobe	178°	Max battery life	MobileMark 2014: 15.9 hr. MobileMark 2018: 12 hr
	UHD (3	840x2160)		Anti-			16:9		100% DCI- P3	170°	ļ	* Battery life varies significantly with hardware configurations, settings, usage, & other factors
	15.6" Dolby V	ision, HDŔ	OLED	reflection / Anti- smudge	multi- touch			100000:1			Power Adapter	One of the following:
	500 Tru	e Black			loucii							135W slim AC adapter 170W slim AC adapter
Color Calibration	Factory Cold	r Calibra	tion on		nels							Supports one optional preloaded operating system as following:
Touchscreen	Factory Color Calibration on UHD panels Touch enable on selected UHD OLED models, supports 10-finger gesture										Operating system	• Windows 10 Home 64
Pen	Ontional Lenovo Pen Pro											Windows 10 Pro 64
Storage	- 1	Up to two M.2 2280 SSD, PCIe NVMe, 256GB / 512GB / 1TB / 2TB each										
		, ,										Windows 10 Government Edition 64 Hearty Linear LTC
RAID		RAID 0 / 1 support										Ubuntu Linux LTS Fedora Linux
Optical	None										-	Optional warranty plans as following:
Ethernet	Optional Lenovo USB-C to Ethernet Adapter None											Non-warranty (special bids only)
NFC		A V/001			A/: [: (2.0 000 11	D	l	4		Base Warranty	1-year depot repair service
WLAN + Bluetooth	Intel Wi-Fi 6 Bluetooth 5.									nve)		3-year depot repair service
	One of the f	ollowing.	configu	rable by	model		o (vers	3011 2004	or abc	JVG)		1-year + 2-year depot repair service
WWAN	 No WWAN 	card and	non u	paradable	9							1-year limited onsite service 3-year limited onsite service
	• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card											• 1-year + 2-year limited onsite service
SIM card	Optional Na	no-SIM ca	ard slot	t								• 1-year depot with 2-year system board repair service
Dimensions	Width: 361.	Width: 361.8 mm (14.24 in). Depth: 245.7 mm (9.67 in).										MIL-STD-810G military testing
	Thickness for non-touch models: 18.4 mm (0.72 in)										Mil-Spec test Environment	EPEAT Gold. ENERGY STAR 8.0. RoHS-compliant
Moight	Thickness for touch models: 18.7 mm (0.74 in)										ISV certifications	Please visit www.thinkworkstations.com/isv-certifications/
Weight	Starting at 1.7 kg (3.75 lb, FHD non-touch) / 1.8 kg (3.97 lb, OLED touch)										J. 2 7 33	