

Lenovo

Lenovo ThinkPad P1 Gen 7 Intel Core Ultra 7 165H Mobiel werkstation 40,6 cm (16") WUXGA 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Zwart

Merk : Lenovo

Productfamilie: ThinkPad

Artikelcode: 21KV001UMH

Productnaam : P1 Gen 7

Intel Core Ultra 7 165H, 16C (6P + 8E + 2LPE)/22T, Max Turbo up to 5.0GHz, 24MB, 32GB LPCAMM2 LPDDR5x-7467, 1TB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0, 16" WUXGA (1920x1200) IPS 400nits 100% sRGB 60Hz TÜV Low Blue Light, Intel Arc Graphics, Intel Wi-Fi 7 BE200 802.11be 2x2 + BT5.4, 5.0MP + IR with Privacy Shutter and Human Presence Detection, Windows 11 Pro

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The Power You Need in an Advanced AI-Ready System

- 16" mobile workstation for AI-assisted workflows & professional-level graphics
- Enterprise-grade security, manageability & reliability with up to Intel vPro®
- True mobility, sleek design, & advanced Flex Cooling System for long-term reliability
- High-capacity LPCAMM2 memory to run multiple applications simultaneously
- Seamless collaborations through boosted connectivity & network capacity



Design		Grafisch	
Kleurnaam	Black	Aparte grafische adapter *	✗
Type product *	Mobiel werkstation	Familie ingebouwde grafische adapter	Intel Arc Graphics
Kleur van het product *	Zwart	On-board graphics adapter model *	Intel Arc Graphics
Vormfactor *	Clamshell	Audio	
Materiaal behuizing	Aluminium	Audiochip	Realtek ALC3306
Beeldscherm		Aantal ingebouwde luidsprekers	2
Beeldschermdiagonaal *	40,6 cm (16")	Vermogen luidsprekers	2 W
Resolutie *	1920 x 1200 Pixels	Ingebouwde microfoon	✓
Touchscreen *	✗	Aantal microfoons	2
HD type	WUXGA	Camera	
Soort paneel	IPS	Resolutie camera voorzijde (numeriek)	5 MP
LED backlight	✓	Infrarood (IR) camera	✓
Oorspronkelijke beeldverhouding	16:10	Privacycamera	✓
Antireflectiescherm	✓	Type privacy	Privacysluiters
Helderheid	400 cd/m ²	Netwerk	
RGB-kleurruimte	sRGB	Wifi-standaard *	Wi-Fi 7 (802.11be)
Kleurbereik	100 procent	Wi-Fi-standaarden	Wi-Fi 7 (802.11be)
Maximale refresh snelheid	60 Hz	Mobiele netwerkverbinding *	✗
Processor		Soort antenne	2x2
Processorfabrikant *	Intel	Fabrikant van de WLAN-controller	Intel
Processorfamilie *	Intel Core Ultra 7	Bluetooth	✓
Processorgeneratie	Intel Core Ultra (Series 1)	Bluetooth-versie	5.4
Processormodel *	165H	Near Field Communication (NFC)	✗
Aantal processorkernen	16	Poorten & interfaces	
Processor aantal threads	22	Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type A *	1
Maximale turbofrequentie van processor	5 GHz	Aantal poorten USB 3.2 Gen 2 (3.1 Gen 2) Type C	1
Prestatiekernen	6	Aantal HDMI-poorten *	1
Efficiënte kernen	8	HDMI versie	2.1
Cores met laag energieverbruik	2	Aantal Thunderbolt 4-poorten	2
Performance-core Max Turbo Frequency	5 GHz	Intel® Thunderbolt 4	✓
Efficient-core Max Turbo Frequency	3,8 GHz	Combo koptelefoon/microfoon port	✓
Maximale turbosnelheid van cores met laag energieverbruik	2,5 GHz		
Prestatie-kernbasisfrequentie	1,4 GHz		

Processor		Poorten & interfaces	
Efficiënte kernbasisfrequentie	0,9 GHz	USB Sleep-and-Charge	✓
Basissnelheid van cores met laag energieverbruik	700 MHz	Prestatie	
Processor cache	24 MB	Chipset moederbord	Intel SoC
Processor cache type	Smart Cache	Toetsenbord	
Processor basisvermogen	28 W	Aanwijsapparaat	ThinkPad UltraNav
Maximaal turbovermogen	115 W	Taal toetsenbord	Engels
Neurale verwerkingseenheid (NPU)		Keyboard met achtergrondverlichting	✓
Neurale verwerkingseenheid (NPU)	Intel AI Boost	Software	
Maximale frequentie NPU	1,4 GHz	Architectuur besturingssysteem	64-bit
Sparsity-ondersteuning	✓	Inclusief besturingssysteem *	Windows 11 Pro
Ondersteuning voor Windows Studio-effecten	✓	Meegeleverde software	Intel Connectivity Performance Suite
AI-datatype ondersteuning op NPU	FP16, FP32, Int8	Accu/Batterij	
AI-softwareframeworks ondersteund door NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Batterijtechnologie	Lithium-Polymeer (LiPo)
Geheugen		Batterijcapaciteit *	90 Wh
Intern geheugen *	32 GB	Energie	
Intern geheugentype	LPDDR5x-SDRAM	AC-adapter, vermogen	135 W
Kloksnelheid geheugen	7467 MHz	AC-adapterfrequentie	50/60 Hz
Maximum intern geheugen *	64 GB	AC-adapter ingangsspanning	100 - 240 V
Opslagmedia		Beveiliging	
Totale opslagcapaciteit *	1 TB	Bevestigingsmogelijkheid voor kabelslot	✓
Opslagmedia *	SSD	Kabelslot sleuf type	Kensington
Totale capaciteit SSD's	1 TB	Vingerafdruklezer	✓
Aantal geïnstalleerde SSD's	1	Windows Hello	✓
SSD capaciteit	1 TB	Trusted Platform Module (TPM)	✓
SSD interfaces	PCI Express 4.0	Trusted Platform Module (TPM) version	2.0
NVMe	✓	Eisen aan de omgeving	
SSD-vormfactor	M.2	Bedrijfstemperatuur (T-T)	5 - 35 °C
Soort optische drive *	✗	Temperatuur bij opslag	5 - 43 °C
Geïntegreerde geheugenkaartlezer	✓	Relatieve vochtigheid in bedrijf (V-V)	8 - 95 procent
Compatibele geheugenkaarten	SD	Luchtvochtigheid bij opslag	5 - 95 procent
Grafisch		Maximale verschepingshoogte	3048 m
Discreet grafische adapter model *	Niet beschikbaar	Gewicht en omvang	
Ingebouwde grafische adapter *	✓	Breedte	354,4 mm
Interne-GPU-fabrikant	Intel	Diepte	241,2 mm
		Hoogte	17,1 mm
		Gewicht *	1,82 kg



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