

Lenovo

Lenovo ThinkPad P1 Gen 7 Intel Core Ultra 7 155H Mobiel werkstation 40,6 cm (16") WQXGA 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA RTX 2000 Ada Wi-Fi 7 (802.11be) Windows 11 Pro Zwart

Merk : Lenovo

Productfamilie: ThinkPad

Artikelcode: 21KV001QMH

Productnaam : P1 Gen 7

Intel Core Ultra 7 155H, 16C (6P + 8E + 2LPE)/22T, Max Turbo up to 4.8GHz, 24MB, 32GB LPCAMM2 LPDDR5x-7467, 1TB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0, 16" WQXGA (2560x1600) IPS 500nits 100% sRGB 165Hz TÜV Low Blue Light, NVIDIA RTX 2000 Ada Generation 8GB, 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	Ingebouwde grafische adapter *	✓
Type product *	Mobiel werkstation	Interne-GPU-fabrikant	Intel
Kleur van het product *	Zwart	Aparte grafische adapter *	✓
Vormfactor *	Clamshell	Familie ingebouwde grafische adapter	Intel Arc Graphics
Materiaal behuizing	Aluminium	On-board graphics adapter model *	Intel Arc Graphics
Beeldscherm		Audio	
Beeldschermdiagonaal *	40,6 cm (16")	Audiochip	Realtek ALC3306
Resolutie *	2560 x 1600 Pixels	Aantal ingebouwde luidsprekers	2
Touchscreen *	✗	Vermogen luidsprekers	2 W
HD type	WQXGA	Ingebouwde microfoon	✓
Soort paneel	IPS	Aantal microfoons	2
LED backlight	✓	Camera	
Oorspronkelijke beeldverhouding	16:10	Resolutie camera voorzijde (numeriek)	5 MP
Antireflectiescherm	✓	Infrarood (IR) camera	✓
Helderheid	500 cd/m ²	Privacycamera	✓
RGB-kleurruimte	sRGB	Type privacy	Privacysluiters
Kleurbereik	100 procent	Netwerk	
Maximale refresh snelheid	165 Hz	Wifi-standaard *	Wi-Fi 7 (802.11be)
Processor		Wi-Fi-standaarden	Wi-Fi 7 (802.11be)
Processorfabrikant *	Intel	Mobiele netwerkverbinding *	✗
Processorfamilie *	Intel Core Ultra 7	Soort antenne	2x2
Processorgeneratie	Intel Core Ultra (Series 1)	Fabrikant van de WLAN-controller	Intel
Processormodel *	155H	Bluetooth	✓
Aantal processorkernen	16	Bluetooth-versie	5.4
Processor aantal threads	22	Near Field Communication (NFC)	✗
Maximale turbofrequentie van processor	4,8 GHz	Poorten & interfaces	
Prestatiekernen	6	Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type A *	1
Efficiënte kernen	8	Aantal poorten USB 3.2 Gen 2 (3.1 Gen 2) Type C	1
Cores met laag energieverbruik	2	Aantal HDMI-poorten *	1
Performance-core Max Turbo Frequency	4,8 GHz	HDMI versie	2.1
Efficient-core Max Turbo Frequency	3,8 GHz		
Maximale turbosnelheid van cores met laag energieverbruik	2,5 GHz		

Processor		Poorten & interfaces	
Prestatie-kernbasisfrequentie	1,4 GHz	Aantal Thunderbolt 4-poorten	2
Efficiënte kernbasisfrequentie	0,9 GHz	Intel® Thunderbolt 4	✓
Basissnelheid van cores met laag energieverbruik	700 MHz	Combo koptelefoon/microfoon port	✓
Processor cache	24 MB	USB Sleep-and-Charge	✓
Processor cache type	Smart Cache	Prestatie	
Processor basisvermogen	28 W	Chipset moederbord	Intel SoC
Maximaal turbovermogen	115 W	Toetsenbord	
Neurale verwerkingseenheid (NPU)		Aanwijsapparaat	ThinkPad UltraNav
Neurale verwerkingseenheid (NPU)	Intel AI Boost	Taal toetsenbord	Engels
Maximale frequentie NPU	1,4 GHz	Keyboard met achtergrondverlichting	✓
Sparsity-ondersteuning	✓	Software	
Ondersteuning voor Windows Studio-effecten	✓	Architectuur besturingssysteem	64-bit
AI-datatype ondersteuning op NPU	FP16, FP32, Int8	Inclusief besturingssysteem *	Windows 11 Pro
AI-softwareframeworks ondersteund door NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Meegeleverde software	Intel Connectivity Performance Suite
Geheugen		Accu/Batterij	
Intern geheugen *	32 GB	Batterijtechnologie	Lithium-Polymeer (LiPo)
Intern geheugentype	LPDDR5x-SDRAM	Batterijcapaciteit *	90 Wh
Kloksnelheid geheugen	7467 MHz	Energie	
Maximum intern geheugen *	64 GB	AC-adapter, vermogen	170 W
Opslagmedia		AC-adapterfrequentie	50/60 Hz
Totale opslagcapaciteit *	1 TB	AC-adapter ingangsspanning	100 - 240 V
Opslagmedia *	SSD	Beveiliging	
Totale capaciteit SSD's	1 TB	Bevestigingsmogelijkheid voor kabelslot	✓
Aantal geïnstalleerde SSD's	1	Kabelslot sleuf type	Kensington
SSD capaciteit	1 TB	Vingerafdruklezer	✓
SSD interfaces	PCI Express 4.0	Windows Hello	✓
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD-vormfactor	M.2	Trusted Platform Module (TPM) version	2.0
Soort optische drive *	✗	Eisen aan de omgeving	
Geïntegreerde geheugenkaartlezer	✓	Bedrijfstemperatuur (T-T)	5 - 35 °C
Compatibele geheugenkaarten	SD	Temperatuur bij opslag	5 - 43 °C
Grafisch		Relatieve vochtigheid in bedrijf (V-V)	8 - 95 procent
Discreet grafische adapter model *	NVIDIA RTX 2000 Ada	Luchtvochtigheid bij opslag	5 - 95 procent
Grafische geheugen	8 GB	Maximale verschepingshoogte	3048 m
Specifiek grafisch geheugentype	GDDR6	Gewicht en omvang	
		Breedte	354,4 mm
		Diepte	241,2 mm
		Hoogte	17,1 mm
		Gewicht *	1,82 kg



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