



Lenovo ThinkPad X1 Extreme (2nd Gen) Intel® Core™ i5 i5-9300H
39.6 mm. (15.6 inches) Full HD 16 GB DDR4-SDRAM 512 GB
SSD NVIDIA® GeForce® GTX 1650 Max-Q Wi-Fi 6 (802.11ax)
Windows 10 Pro



Brand : Lenovo

Product family: ThinkPad

Product code: 20QV0012HV

Product name : ThinkPad X1
Extreme (2nd Gen)

Configuration		Configuration	
Processor	Processor	USB 3.2 Gen 1 (3.1 Gen 1) Type-A *	2
Processor *	Processor	USB 3.2 Gen 2 (3.1 Gen 2) Type-C	2
Processor *	Processor	HDMI *	1
Processor	Processor, Carbon Fibre Reinforced Polymer (CFRP)	HDMI	2.0
Display		Display	3.5
Processor *	39.6 mm. (15.6 inches)	Processor	✓
Processor *	1920 x 1080 pixels	Storage	
Processor *	✗	Processor	Intel® CM246
Processor	Full HD	Keyboard	
Processor/Processor	IPS	Processor *	✗
Processor	✓	Processor	✓
Processor	300 cd/m²	Processor	QWERTZ
Memory		Processor	Processor
Processor *	Intel	Operating System	
Processor *	Intel® Core™ i5	Processor	64 GB
Processor	9th gen Intel® Core™ i5	Processor	Processor, Processor
Processor *	i5-9300H	Processor Windows 11	✗
Processor	4	Processor *	Windows 10 Pro
Processor	4.1 GHz	Security	
Processor *	2.4 GHz	Processor Enhanced Intel SpeedStep	✓
Processor	8 MB	Processor	✓
TDP-down	35 W	Processor Intel® Flex	✓
Storage		Processor Intel® Trusted Execution	✗
Processor *	16 GB	Processor VT-x Processor Extended Page Tables (EPT)	✓
Processor	DDR4-SDRAM	Processor Intel® TSX - NI	✗
Processor	SO-DIMM	Processor Intel® Stable Image Platform Program (SIPP)	✗
Processor	2x SO-DIMM		
Processor *	64 GB		
Processor	Processor		

Storage		Security	
Storage *	512 GB	Secure Boot (Intel® SGX)	✓
Storage *	SSD	Intel® 64	✓
SSD Storage	1	Secure Boot	✓
Solid-state drive	512 GB	Secure Boot	✓
SSD	M.2	Secure Boot	✓
Secure Boot *	✗	Secure Boot (CPU) (Secure Boot)	1
Secure Boot	✓	Secure Boot (embedded)	✗
Secure Boot	SD	Secure Boot	
Graphics		Virtualization	
Graphics *	NVIDIA® GeForce® GTX 1650 Max-Q	Intel® Virtualization	✓
Graphics	4 GB	Secure Boot I/O (VT-d)	
Graphics	GDDR5	Intel® Virtualization (VT-x)	✓
Graphics *	✗		
Graphics *	✓		
Graphics	Secure Boot		
Graphics *			
Audio		Power	
Audio	Synaptic CX11880	Power (Battery) (Battery) *	80 Wh
Audio	Dolby Atmos		
Audio	2		
Audio	2 W		
Audio	✓		
Audio	2		
Connectivity		Security	
Connectivity	✓	Secure Boot	
Connectivity	✓	Secure Boot	
Network		Security	
Network	Wi-Fi *	Secure Boot	RoHS
Network	Wi-Fi	Secure Boot	
Network *	✗	Secure Boot	
Network	2x2	Secure Boot	
Network WLAN	Intel Wi-Fi 6 AX200	Secure Boot	
Network (WLAN)	Intel	Secure Boot	
Network	✓	Secure Boot	
Network	100,1000 Mbit/s	Secure Boot	
Network	✓	Secure Boot	
Network	5.2	Secure Boot	
Network	✗	Secure Boot	
WWAN	Secure Boot	Secure Boot	

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