



Lenovo ThinkPad L380 Intel® Core™ i5 i5-8250U Laptop 33.8 cm (13.3") HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Silver



Brand : Lenovo

Product family: ThinkPad

Product code: 20M5004EUS

Product name : ThinkPad L380

- Windows 10 Pro 64-bit
- Intel Core i5-8250U (6MB Cache, 1.6GHz)
- 33.8 cm (13.3") HD 1366 x 768 TN
- 8GB (2400MHz) DDR4-SDRAM (1 x 8) & 256GB SSD

Intel Core i5-8250U (6MB Cache, 1.6GHz), 8GB DDR4-SDRAM, 256GB SSD, 33.8 cm (13.3") HD 1366 x 768 TN, Intel UHD Graphics 620, WLAN, Webcam, Windows 10 Pro 64-bit

Lenovo ThinkPad L380. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-8250U, Processor frequency: 1.6 GHz. Display diagonal: 33.8 cm (13.3"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics 620. Operating system installed: Windows 10 Pro. Product colour: Silver



Design		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Product colour *	Silver	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
Form factor *	Clamshell	HDMI ports quantity *	1
Market positioning	Business	HDMI version	1.4b
Display		Headphone outputs	1
Display diagonal *	33.8 cm (13.3")	Microphone in	✗
Display resolution *	1366 x 768 pixels	Combo headphone/mic port	✓
Touchscreen *	✗	USB Sleep-and-Charge	✓
HD type	HD	USB Sleep-and-Charge ports	1
Panel type	TN	Keyboard	
LED backlight	✓	Pointing device	ThinkPad UltraNav
Native aspect ratio	16:9	Numeric keypad *	✗
Display brightness	250 cd/m²	Spill-resistant keyboard	✓
Processor		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® Core™ i5	Operating system installed *	Windows 10 Pro
Processor generation	8th gen Intel® Core™ i5	Processor special features	
Processor model *	i5-8250U	Intel® My WiFi Technology (Intel® MWT)	✓
Processor cores	4	Intel® Smart Response Technology	✓
Processor threads	8	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor boost frequency	3.4 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor frequency *	1.6 GHz	Intel® Turbo Boost Technology	2.0
System bus rate	4 GT/s	Enhanced Intel SpeedStep Technology	✓
Processor cache	6 MB	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache type	Smart Cache	Intel Clear Video Technology	✓
Processor socket	BGA 1356	Intel® InTru™ 3D Technology	✓
Processor lithography	14 nm	Intel® Quick Sync Video Technology	✓
Processor operating modes	64-bit	Intel Flex Memory Access	✓
Processor codename	Kaby Lake R	Intel® AES New Instructions (Intel® AES-NI)	✓
Bus type	OPI		
Stepping	Y0		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	1.8 GHz		
Configurable TDP-up	25 W		
Configurable TDP-down	10 W		
Configurable TDP-down frequency	0.8 GHz		
Tjunction	100 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	12	Intel Trusted Execution Technology	✗
PCI Express slots version	3.0	Intel Enhanced Halt State	✓
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel® Secure Key	✓
Internal memory *	8 GB	Intel TSX-NI	✗
Internal memory type	DDR4-SDRAM	Intel Stable Image Platform Program (SIPP)	✗
Memory clock speed	2400 MHz	Intel® OS Guard	✓
Memory form factor	SO-DIMM	Intel Software Guard Extensions (Intel SGX)	✓
Memory layout (slots x size)	1 x 8 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory slots	2x SO-DIMM	Intel 64	✓
Maximum internal memory *	32 GB	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	256 GB	Thermal Monitoring Technologies	✓
Storage media *	SSD	Processor package size	42 X 24 mm
Total SSDs capacity	256 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Number of SSDs installed	1	Processor code	SR3LA
SSD capacity	256 GB	CPU configuration (max)	1
SSD interface	PCI Express	Embedded options available	✗
SSD form factor	M.2	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	✗	Intel Identity Protection Technology version	1.00
Card reader integrated	✓	Intel Smart Response Technology version	1.00
Compatible memory cards	MicroSD (TransFlash)	Intel Stable Image Platform Program (SIPP) version	0.00
Graphics		Intel Secure Key Technology version	1.00
Discrete graphics card model *	Not available	Intel TSX-NI version	0.00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✗	Processor ARK ID	124967
On-board graphics card family	Intel® UHD Graphics	Conflict-Free processor	✓
On-board graphics card model *	Intel® UHD Graphics 620	Battery	
On-board graphics card base frequency	300 MHz	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card dynamic frequency (max)	1100 MHz	Battery capacity *	45 Wh
Maximum on-board graphics card memory	32 GB	Battery life (max)	16.1 h
On-board graphics card DirectX version	12.0	Power	
On-board graphics card OpenGL version	4.4	AC adapter frequency	50 - 60 Hz
On-board graphics card ID	0x5917	AC adapter input voltage	100 - 240 V
Audio		Security	
Audio chip	Realtek ALC3287	Cable lock slot	✓
Audio system	Dolby Audio	Password protection	✓
Number of built-in speakers	2	Password protection type	HDD, Power on, Supervisor
Speaker power	2 W	Certificates	
Built-in microphone	✓	Compliance certificates	RoHS
Camera		Certification	MIL-STD-810G TCG Certified
Front camera	✓	Sustainability	
Front camera HD type	HD	Sustainability certificates	ENERGY STAR
Network		Weight & dimensions	
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Width	321.8 mm
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Depth	224.2 mm
Mobile network connection *	✗	Height	18.8 mm
Antenna type	2x2	Weight *	1.46 kg
WLAN controller model	Intel Dual Band Wireless-AC 8265		
Ethernet LAN	✗		
Bluetooth	✓		

Network

WWAN	Not installed
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