



Lenovo ThinkPad Yoga Intel® Core™ i7 i7-4500U Laptop 31,8 cm (12.5") Touchscreen Full HD 8 GB DDR3-SDRAM 256 GB SSD Windows 8.1 Pro Black

Brand : Lenovo

Product family: ThinkPad

Product code: 20CD0038MH

Product name : Yoga

ThinkPad Yoga - Intel Core i7-4500U (4M Cache, 1.80 GHz), 8GB DDR3 SDRAM, 256GB SSD, Intel HD Graphics 4400, 12.5", Windows 8.1 Pro 64-bit
Lenovo ThinkPad Yoga . Product type: Laptop, Form factor: Convertible (Folder). Processor type: Intel® Core™ i7, Processor: i7-4500U, Processor frequency: 1,8 GHz. Display diagonal: 31,8 cm (12.5"), HD type: Full HD, Touchscreen. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 4400. Operating system software: Windows 8.1 Pro. Product colour: Black



Design		Software	
Product type *	Laptop	Operating system software *	Windows 8.1 Pro
Product colour *	Black	Processor special features	
Form factor *	Convertible (Folder)	Intel Wireless Display (WiDi) Technology	✓
Housing material	Magnesium	Intel My WiFi Technology	✓
Display		Intel Smart Connect Technology	✓
Display diagonal *	31,8 cm (12.5")	Intel Anti-Theft Technology	✓
Touchscreen *	✓	Intel® Rapid Start Technology	✗
HD type	Full HD	Intel® Smart Response Technology	✗
Processor		Intel Identity Protection Technology	✓
Processor manufacturer *	Intel	Intel Hyper-Threading Technology	✓
Processor type *	Intel® Core™ i7	Intel Turbo Boost Technology	2.0
Processor generation	4th gen Intel® Core™ i7	Intel® Small Business Advantage (Intel® SBA)	✗
Processor *	i7-4500U	Intel Matrix Storage Technology	✓
Processor number of cores	2	Intel HD Audio Technology	✓
Processor threads	4	Intel Active Management Technology	✗
Processor boost frequency	3 GHz	Enhanced Intel SpeedStep Technology	✓
Processor frequency *	1,8 GHz	Intel Clear Video HD Technology	✓
Processor cache	4 MB	Intel Clear Video Technology	✗
Processor cache type	Smart Cache	Intel® InTru™ 3D Technology	✓
Processor socket	BGA 1168	Intel® Insider™	✓
Processor lithography	22 nm	Intel® Quick Sync Video Technology	✓
Processor operating modes	64-bit	Intel Flex Memory Access	✗
Processor series	Intel Core i7-4500 Mobile series	Intel AES New Instructions	✓
Processor codename	Haswell	Intel Trusted Execution Technology	✗
Bus type	DMI2	Intel Enhanced Halt State	✓
FSB Parity	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Stepping	C0	Intel Demand Based Switching	✗
Thermal Design Power (TDP)	15 W	Intel® Secure Key	✓
Tjunction	100 °C	Intel TSX-NI	✗
Maximum number of PCI Express lanes	12	Intel Clear Video Technology for MID	✗
PCI Express slots version	2.0		
PCI Express configurations	2x4		
ECC supported by processor	✗		
Memory			
Internal memory *	8 GB		

Memory		Processor special features	
Internal memory type	DDR3-SDRAM	Intel 64	✓
Storage		Execute Disable Bit	✓
Total storage capacity *	256 GB	Idle States	✓
Storage media *	SSD	Thermal Monitoring Technologies	✓
Number of SSDs installed	1	Processor package size	40 x 24 x 1.5 mm
Solid-state drive capacity	256 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Card reader integrated	✓	Processor code	SR16Z
Graphics		CPU configuration (max)	1
On-board graphics card *	✓	Embedded options available	✗
On-board graphics card family	Intel® HD Graphics	Intel Virtualization Technology for Directed I/O (VT-d)	✗
On-board graphics card model *	Intel® HD Graphics 4400	Intel Smart Connect Technology version	1,00
On-board graphics card base frequency	200 MHz	Intel Identity Protection Technology version	1,00
On-board graphics card dynamic frequency (max)	1100 MHz	Intel Secure Key Technology version	1,00
Maximum on-board graphics card memory	1,74 GB	Intel ME Firmware Version	9.5
On-board graphics card DirectX version	12	Intel TSX-NI version	0,00
On-board graphics card ID	0xA16	Intel Virtualization Technology (VT-x)	✓
Audio		Intel Dual Display Capable Technology	✗
Audio system	Dolby Home Theatre	Intel FDI Technology	✓
Built-in microphone	✓	Intel Rapid Storage Technology	✓
Camera		Intel Fast Memory Access	✗
Front camera	✓	Processor ARK ID	75460
Network		Conflict-Free processor	✓
Wi-Fi	✓	Battery	
Ethernet LAN connection	✗	Battery life (max)	7 h
Bluetooth	✗	Security	
Ports & interfaces		Cable lock slot	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Weight & dimensions	
DVI port	✗	Height	19 mm
Mini HDMI ports quantity	1	Weight *	1,57 kg
S/PDIF out port	✗	Packaging content	
ExpressCard slot	✗	AC adapter included *	✓
CardBus PCMCIA slot type	✗	Manual	✓
SmartCard slot	✗	Quick start guide	✓
Headphone connectivity	3.5 mm	Other features	
Microphone connectivity	3.5 mm	3D compatibility	✗
Total number of SATA connectors	4	64-bit computing	✓
Number of SATA III connectors	4		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✗		
Built-in touchpad	✓		
Software			
Operating system architecture	64-bit		

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