



Lenovo IdeaPad Z70-80 **Intel® Core i7 i7-5500U** **43.9 cm (17.3")** **HD 8 GB DDR3L-SDRAM 1 TB** **HDD** **NVIDIA® GeForce® 840M** **Windows 8.1**

Brand : Lenovo

Model : IdeaPad

SKU : 80FG0039MT

Series : Z70-80

Lenovo IdeaPad Z70-80. Processor: Intel® Core i7, Processor Speed: i7-5500U, Processor Frequency: 2.4 GHz. Screen Size: 43.9 cm (17.3"), HD: HD, Resolution: 1920 x 1080 pixels. Memory: 8 GB, Memory Type: DDR3L-SDRAM. Storage: 1 TB, Storage Type: HDD, Optical Drive: DVD±RW. Operating System: Windows 8.1. Features: Intel



Features		Specifications	
Processor *	Processor	Processor/Processor Family	✓
Processor Speed *	Processor	Processor Speed	✗
Processor Frequency *	Processor	ExpressCard/Slot	✗
Processor Cache	Processor	Processor PCMCIA/Slot	✗
Screen Size		Processor Slot	✗
Screen Resolution *	43.9 cm (17.3")	Screen	
Screen Type *	1920 x 1080 pixels	Screen Resolution	Screen
Screen Color *	✗	Screen Type *	✓
HD Type	HD	Screen Resolution	✓
LED Backlight	✓	Screen Resolution	✓
Screen Aspect Ratio	16:9	Windows 8.1	✓
Screen Type	✗	Screen	
Operating System		OS/Processor	64-bit
Processor Brand *	Intel	Processor OS *	Windows 8.1
Processor Model *	Intel® Core i7	Processor	
Processor Family	Intel® Core™ i7	Processor (Wi-Fi) Processor	✓
Processor Speed *	i7-5500U	Processor My Wi-Fi Processor	✗
Processor Core	2	Processor Processor Processor	✗
Processor Cache	4	Processor Processor Processor	✓
Processor Frequency	3 GHz	Processor Processor Processor Processor	✓
Processor Processor *	2.4 GHz	Processor Processor Processor Processor Processor	✓
Processor Processor	5 GT/s	Processor Processor Processor Processor	✓
Processor Processor	4 MB	Processor Processor Processor	2.0
Processor Processor	L3	Processor Processor Processor Processor SBA	✓
Processor Processor	BGA 1168	Processor Processor Processor	✓
Processor Processor	14 nm	Processor Processor Processor	✓
Processor Processor Processor	32-bit, 64-bit	Processor Processor Processor	✓
Processor Processor	Intel® Core i7-5500 Mobile Series	Processor Processor Processor	✓
Processor Processor	Broadwell	Processor Processor Processor	✓
Processor	DMI2	Processor Processor Processor	✓
FSB/Processor	✗	Processor Processor Processor	✓
Processor	F0	Processor Processor Processor	✓
Processor Processor Processor TDP	15 W	Processor Processor Processor	✓

System Information		Security & Performance	
Processor TDP-down	7.5 W	Intel® AES-NI / New Instructions	✓
Processor TDP-down (max)	0.6 GHz	Intel® Secure Key / Intel® TXT	✗
Processor Temp	105 °C	Intel® Enhanced Halt State	✓
PCI Express (max)	12	Intel® VT-x with Extended Page Tables (EPT)	✓
PCI Express (min)	2.0	Intel® Virtualization Technology	✗
PCI Express (max)	4x1, 2x4	Intel® Virtualization Technology	✓
Memory ECC	✗	Intel® Virtualization Technology	✓
Memory		Storage	
Memory *	8 GB	Intel® TSX-NI	✗
Memory Type	DDR3L-SDRAM	Intel® Stable Image Platform Program (SIPP)	✗
Memory Speed	1600 MHz	Intel® OS Guard	✓
Memory Config	SO-DIMM	Intel® Management Engine (ME)	✓
Memory Config	2x SO-DIMM	Intel® 64-bit Architecture	✓
Memory Config *	16 GB	Intel® Virtualization Technology	✓
Storage		Connectivity	
Storage *	1 TB	Intel® Ethernet	✓
Storage *	Intel® HDD	Intel® Ethernet	✓
HDD	5400 RPM	Intel® Ethernet	40 x 24 x 1.3 mm
Storage HDD	1 TB	Intel® Ethernet	AVX 2.0, SSE4.1, SSE4.2
Storage HDD	8 GB	Intel® Ethernet	SR23W
HDD	2.5"	CPU (max)	1
Storage *	DVD±RW	Intel® Ethernet	✗
Storage	✓	Intel® Ethernet IMC	14 nm
Storage	MMC, SD	Intel® Ethernet (Directed I/O / VT-d)	✓
Graphics		Power & Thermal	
Graphics *	NVIDIA® GeForce® 840M	Intel® Ethernet	1.00
Graphics	2 GB	Intel® Ethernet	1.00
Graphics *	✓	Intel® Stable Image Platform Program (SIPP)	0.00
Graphics *	✓	Intel® Ethernet	1.00
Graphics	Intel® HD Graphics	Intel® Ethernet SBA	1.00
Graphics *	Intel® HD Graphics 5500	Intel® Ethernet	1.00
Graphics	300 MHz	Intel® TSX-NI	0.00
Graphics	950 MHz	Intel® Ethernet (VT-x)	✓
Graphics	16 GB	Intel® Ethernet	✗
Graphics DirectX	11.2	Intel® FDI	✓
Graphics ID	0x1616	Intel® Ethernet (RST)	✗
Audio		Power & Thermal	
Audio	Dolby Home Theater	Intel® Ethernet	✓
Audio	2	Intel® ARK ID	85214
Audio	JBL	Intel® Ethernet	✓
Audio	✓	Power & Thermal	
Power & Thermal		Power & Thermal	
Power	✓	Power (LiPo)	4
Power	1280 x 720 (max)	Power *	41 Wh
Power		Power	4 W
Connectivity		Power & Thermal	
Wi-Fi	✓	Power	✓
Wi-Fi	Wi-Fi 5 (802.11ac)	Power & Thermal	
LAN	✓	Power	✓
LAN	10,100,1000 Mbit/s	Power & Thermal	
Bluetooth	✓	Power	418 mm
Bluetooth	4.0	Power	283 mm
Ports / Connectors		Power	25.2 mm
USB 2.0 (max) *	2	Power *	3 kg
USB 3.2 (3.1) (max) *	1		
LAN (RJ-45) (max)	1		
HDMI (max) *	1		



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