



Lenovo IdeaPad 520 (15") Intel® Core™ i5 i5-8250U **39.6**
吋. (15.6 吋吋吋) Full HD 8 GB DDR4-SDRAM 1 TB HDD NVIDIA®
GeForce® MX150 **FreeDOS**

Brand : Lenovo

Product family: IdeaPad

Product code: 81BF005JRK

Product name : ideapad 520
(15")

Configuration		Configuration	
Configuration *	Configuration	Configuration USB 3.2 Gen 1 (3.1 Gen 1) A *	2
Configuration *	Configuration	Configuration USB 3.2 Gen 1 (3.1 Gen 1) C *	1
Configuration *	Configuration	Configuration (RJ-45)	1
Configuration	Configuration	Configuration HDMI *	1
Configuration *	39.6 吋. (15.6 吋吋吋)	Configuration	1
Configuration *	1920 x 1080 吋吋吋吋	Configuration	✗
Configuration *	✗	Configuration	✓
Configuration	Full HD	Configuration	✓
Configuration	IPS	Configuration	Intel SoC
Configuration	LED backlight	Configuration	Configuration
Configuration	16:9	Configuration *	✓
Configuration	250 cd/m²	Configuration Windows	✓
Configuration	✗	Configuration	Configuration
Configuration	Configuration	Configuration *	Configuration
Configuration *	Intel	Configuration	Configuration
Configuration *	Intel® Core™ i5	Configuration	Configuration
Configuration	Intel® Core™ i5 吋吋吋吋吋 8	Configuration	Configuration
Configuration *	i5-8250U	Configuration	Configuration
Configuration	4	Configuration	Configuration
Configuration	8	Configuration	Configuration
Configuration	3.4 GHz	Configuration	Configuration
Configuration *	1.6 GHz	Configuration	Configuration
Configuration	4 GT/s	Configuration	Configuration
Configuration	6 MB	Configuration	Configuration
Configuration	Configuration	Configuration	Configuration
Configuration	BGA 1356	Configuration	Configuration
Configuration	14 nm	Configuration	Configuration
Configuration	64 吋吋	Configuration	Configuration
Configuration	Kaby Lake R	Configuration	Configuration
Configuration	OPI	Configuration	Configuration
Configuration Stepping	Y0	Configuration	Configuration
Configuration	15 W	Configuration	Configuration
Configuration TDP-up 吋吋吋吋吋吋吋	1.8 GHz	Configuration	Configuration
Configuration TDP-up 吋吋吋吋吋吋吋	25 W	Configuration	Configuration
Configuration TDP-down 吋吋吋吋吋吋吋	10 W	Configuration	Configuration
Configuration TDP-down 吋吋吋吋吋吋吋	0.8 GHz	Configuration	Configuration
Configuration Tjunction	100 °C	Configuration	Configuration
Configuration PCI Express	12	Configuration	Configuration
Configuration PCI Express	3.0	Configuration	Configuration
Configuration	1x2+2x1, 1x4, 2x2, 4x1	Configuration	Configuration

Memory		Security	
ECC Memory	✗	Intel® TSX - NI	✗
Storage		Platform Security	
Memory	8 GB	Intel® Stable Image Platform Program (SIPP)	✗
Memory Type	DDR4-SDRAM	Intel® OS Guard	✓
Memory Configuration	Memory + SO-DIMM	Intel® SGX	✓
Memory Capacity	1x SO-DIMM	Intel® Clear Video	✓
Memory Speed	16 GB	Intel® MID (Intel® CVT for MID)	✓
Storage		Intel® 64	✓
Storage	1 TB	Intel® Virtualization	✓
Storage Type	HDD	Intel® I/O (VT-d)	✓
Storage Capacity	1	Intel® Identity Protection	1.00
Storage Speed	1 TB	Intel® Smart Response	1.00
Storage Interface	SATA III	Intel® Stable Image Platform Program (SIPP)	0.00
Storage Rotation	5400 RPM	Intel® Secure Key	1.00
Storage Format	✗	Intel® TSX-NI	0.00
Storage Encryption	✓	Intel® Virtualization (VT-x)	✓
Storage Interface	MMC, SD, SDHC, SDXC	Intel® ARK ID	124967
Graphics		Intel® Identity Protection	1.00
Graphics	NVIDIA® GeForce® MX150	Intel® Smart Response	1.00
Graphics Memory	2 GB	Intel® Stable Image Platform Program (SIPP)	0.00
Graphics Performance	✓	Intel® Secure Key	1.00
Graphics Resolution	✓	Intel® TSX-NI	0.00
Graphics Interface	Intel® UHD Graphics 620	Intel® Virtualization (VT-x)	✓
Graphics Frequency	300 MHz	Intel® ARK ID	124967
Graphics Frequency	1100 MHz	Intel® Identity Protection	1.00
Graphics Memory	32 GB	Intel® Smart Response	1.00
Graphics Interface	12.0	Intel® Stable Image Platform Program (SIPP)	0.00
Graphics Interface	4.4	Intel® Secure Key	1.00
Graphics Interface	0x5917	Intel® TSX-NI	0.00
Graphics Interface	1	Intel® Virtualization (VT-x)	✓
Audio		Intel® ARK ID	124967
Audio	Dolby	Intel® Identity Protection	1.00
Audio	2	Intel® Smart Response	1.00
Audio	Harman Kardon	Intel® Stable Image Platform Program (SIPP)	0.00
Audio	2 W	Intel® Secure Key	1.00
Audio	✓	Intel® TSX-NI	0.00
Display		Intel® Virtualization (VT-x)	✓
Display	✓	Intel® ARK ID	124967
Display Resolution	1 MP	Intel® Identity Protection	1.00
Display Resolution	1280 x 720	Intel® Smart Response	1.00
Display Resolution	720p	Intel® Stable Image Platform Program (SIPP)	0.00
Network		Intel® Secure Key	1.00
Wi-Fi	✓	Intel® TSX-NI	0.00
Wi-Fi	Wi-Fi 5 (802.11ac)	Intel® Virtualization (VT-x)	✓
Wi-Fi	✓	Intel® ARK ID	124967
Wi-Fi	10,100,1000 Mbit/s	Intel® Identity Protection	1.00
Wi-Fi	✓	Intel® Smart Response	1.00
Wi-Fi	4.1	Intel® Stable Image Platform Program (SIPP)	0.00
Security		Intel® Secure Key	1.00
Security	3D	Intel® TSX-NI	0.00
Security	✗	Intel® Virtualization (VT-x)	✓

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