



Lenovo IdeaPad U41-70 Laptop 35.6 cm (14") Intel® Core™ i5 i5-5200U 4 GB DDR3L-SDRAM 256 GB SSD NVIDIA® GeForce® 920M Windows 10 Home Silver



Brand : Lenovo

Product family: IdeaPad

Product code: 80JV00HDMJ

Product name : U41-70

Intel Core i5-5200U (3M Cache, 2.2 GHz), 4GB RAM, 256GB SSD, 14.0" FHD (1920x1080), NVIDIA GeForce 920M, Windows 10 Home 64

Lenovo IdeaPad U41-70. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor: i5-5200U, Processor frequency: 2.2 GHz. Display diagonal: 35.6 cm (14"), Display resolution: 1920 x 1080 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 5500, Discrete graphics card model: NVIDIA® GeForce® 920M. Operating system installed: Windows 10 Home. Product colour: Silver



Design		Ports & interfaces	
Product type *	Laptop	Ethernet LAN (RJ-45) ports quantity	1
Product colour *	Silver	HDMI ports quantity *	1
Form factor *	Clamshell	DVI port	✗
Display		Combo headphone/mic port	✓
Display diagonal *	35.6 cm (14")	Docking connector	✗
Display resolution *	1920 x 1080 pixels	Charging port type	DC-in jack
Touch screen *	✗	Keyboard	
Panel type	TN	Pointing device	Touchpad
LED backlight	✓	Numeric keypad *	✗
Native aspect ratio	16:9	Windows keys	✓
Processor		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor generation	5th gen Intel® Core™ i5	Operating system installed *	Windows 10 Home
Processor family *	Intel® Core™ i5	Processor special features	
Processor *	i5-5200U	Intel Wireless Display (WiDi) Technology	✓
Processor frequency *	2.2 GHz	Intel My WiFi Technology	✗
Processor boost frequency	2.7 GHz	Intel Anti-Theft Technology	✗
Processor threads	4	Intel® Smart Response Technology	✓
System bus data transfer rate	5 GT/s	Intel Identity Protection Technology	✓
Processor number of cores	2	Intel Hyper-Threading Technology	✓
Processor cache	3 MB	Intel Turbo Boost Technology	2.0
Processor cache type	Smart Cache	Intel® Small Business Advantage (Intel® SBA)	✓
Processor socket	BGA 1168	Enhanced Intel SpeedStep Technology	✓
Processor lithography	14 nm	Intel® Built-in Visuals Technology	✓
Processor operating modes	32-bit, 64-bit	Intel HD Graphics	✓
Processor series	Intel® Core™ i5-5200 Mobile Series	Intel Clear Video HD Technology	✓
Processor codename	Broadwell	Intel Clear Video Technology	✓
Bus type	DMI2	Intel® InTru™ 3D Technology	✓
FSB Parity	✗	Intel® Insider™	✓
Stepping	F0	Intel® Quick Sync Video Technology	✓
Thermal Design Power (TDP)	15 W	Intel Flex Memory Access	✓
Configurable TDP-down	7.5 W	Intel® Smart Cache	✗
Configurable TDP-down frequency	0.6 GHz	Intel AES New Instructions	✓
Tjunction	105 °C	Intel Trusted Execution Technology	✗
Maximum number of PCI Express lanes	12		
PCI Express slots version	2.0		

Processor		Processor special features	
PCI Express configurations	4x1, 2x4	Intel Enhanced Halt State	✓
ECC supported by processor	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel Demand Based Switching	✗
Internal memory *	4 GB	Intel® Secure Key	✓
Internal memory type	DDR3L-SDRAM	Intel® OS Guard	✓
Memory clock speed	1600 MHz	Intel Clear Video Technology for MID	✓
Maximum internal memory *	8 GB	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 1.3 mm
Solid-state drive capacity	256 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Optical drive type *	✗	Processor code	SR23Y
Card reader integrated	✓	CPU configuration (max)	1
Compatible memory cards	MMC, SD, SDHC, SDXC	Embedded options available	✗
Graphics		Graphics & IMC lithography	14 nm
Discrete graphics card model *	NVIDIA® GeForce® 920M	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card *	✓	Intel Identity Protection Technology version	1.00
Discrete graphics card *	✓	Intel Smart Response Technology version	1.00
On-board graphics card family	Intel® HD Graphics	Intel Secure Key Technology version	1.00
On-board graphics card model *	Intel® HD Graphics 5500	Intel Small Business Advantage (SBA) version	1.00
On-board graphics card base frequency	300 MHz	Intel Virtualization Technology (VT-x)	✓
On-board graphics card dynamic frequency (max)	900 MHz	Intel Dual Display Capable Technology	✗
Maximum on-board graphics card memory	16 GB	Intel FDI Technology	✓
On-board graphics card DirectX version	11.2	Intel Rapid Storage Technology	✗
On-board graphics card OpenGL version	4.3	Intel Fast Memory Access	✓
On-board graphics card ID	0x1616	Processor ARK ID	85212
Discrete graphics card memory	2 GB	Conflict-Free processor	✓
Graphics card Open GL support	✓	Battery	
Audio		Number of battery cells	3
Audio system	Dolby Home Theater	Battery life (max)	6 h
Number of built-in speakers	2	Security	
Speaker power	1.5 W	Cable lock slot	✓
Built-in microphone	✓	Weight & Dimensions	
Camera		Width	340 mm
Front camera	✓	Depth	240 mm
Front camera resolution (numeric)	0.3 MP	Height	19.5 mm
Network		Weight *	1.68 kg
Wi-Fi	✓	Other features	
Ethernet LAN connection	✓	AC adapter bundled	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	LightScribe	✗
Bluetooth	✓		
Bluetooth version	4.0		
Ports & interfaces			
USB 2.0 ports quantity *	1		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		

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