



Lenovo IdeaCentre 3 07IRB8 Intel® Core™ i7 i7-14700 16 Go DDR4-SDRAM 512 Go SSD Windows 11 Home SFF PC Gris

Marque : Lenovo

Famille de produit:
IdeaCentre

Code produit: 90VT009VMH

Nom du produit : 3 07IRB8

Lenovo IdeaCentre 3 07IRB8. Famille de processeur: Intel® Core™ i7, Modèle de processeur: i7-14700. Mémoire interne: 16 Go, Type de mémoire interne: DDR4-SDRAM, Fréquence de la mémoire: 3200 MHz. Capacité totale de stockage: 512 Go, Supports de stockage: SSD. Modèle d'adaptateur graphique à bord: Intel UHD Graphics 770. Système d'exploitation installé: Windows 11 Home, Architecture du système d'exploitation: 64-bit. Alimentation d'énergie: 260 W. Type de châssis: SFF. Type de produit: PC. Poids: 4,4 kg. Couleur du produit: Gris



Processor		Ports & interfaces	
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel® Core™ i7	Ethernet LAN (RJ-45) ports	1
Processor generation	Intel® Core™ i7 (14th gen)	Microphone in	✓
Processor model *	i7-14700	Headphone outputs	1
Processor cores	20	Line-out	✓
Processor threads	28	Combo headphone/mic port	✓
Processor boost frequency	5.4 GHz		
Performance cores	8		
Efficient cores	12		
Performance-core Max Turbo Frequency	5.3 GHz		
Efficient-core Max Turbo Frequency	4.2 GHz		
Performance-core base frequency	2.1 GHz		
Efficient-core base frequency	1.5 GHz		
Processor cache	33 MB		
Processor cache type	Smart Cache		
Bus type	DMI4		
Number of processors installed	1		
Processor base power	65 W		
Maximum turbo power	219 W		
Memory		Design	
Internal memory *	16 GB	Chassis type *	SFF
Maximum internal memory *	32 GB	Colour name	Cloud Grey
Internal memory type	DDR4-SDRAM	Volume	7.4 L
Memory layout (slots x size)	1 x 16 GB	Placement supported	Vertical
Memory slots	2x DIMM	Product colour *	Grey
Memory clock speed	3200 MHz		
Non-ECC	✓		
Memory channels	Dual-channel		
		Performance	
		Motherboard chipset	Intel B660
		Audio chip	Realtek ALC623-CG
		Audio system	High Definition Audio
		Password protection	✓
		Password protection type	HDD, Power on, Supervisor
		Trusted Platform Module (TPM)	✓
		Product type *	PC
		Software	
		Operating system installed *	Windows 11 Home
		Operating system architecture	64-bit
		Operating system language	German, Dutch, English, French
		Processor special features	
		Intel 64	✓

Storage		Processor special features	
Total storage capacity *	512 GB	Enhanced Intel SpeedStep Technology	✓
Storage media *	SSD	Embedded options available	✓
Optical drive type *	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Number of storage drives installed	1	Idle States	✓
Total SSDs capacity	512 GB	Intel Stable Image Platform Program (SIPP)	✓
Number of SSDs installed	1	Intel Trusted Execution Technology	✓
SSD capacity	512 GB	Execute Disable Bit	✓
SSD interface	PCI Express 4.0	CPU configuration (max)	1
NVMe	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD form factor	M.2	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✗		
Graphics		Power	
Discrete graphics card *	✗	Power supply *	260 W
On-board graphics card *	✓	Power supply input voltage	100 - 240 V
Discrete graphics card model *	Not available	Power supply input frequency	50/60 Hz
On-board GPU manufacturer	Intel		
On-board graphics card family	Intel® UHD Graphics	Operational conditions	
On-board graphics card model *	Intel UHD Graphics 770	Operating temperature (T-T)	5 - 35 °C
		Storage temperature (T-T)	-40 - 60 °C
		Operating relative humidity (H-H)	20 - 80%
		Storage relative humidity (H-H)	10 - 90%
		Operating altitude	0 - 3048 m
		Non-operating altitude	0 - 12192 m
Network		Certificates	
Ethernet LAN *	✓	Compliance certificates	RoHS
Ethernet LAN data rates	100,1000 Mbit/s	Certification	ErP Lot 3 RoHS
Cabling technology	10/100/1000Base-T(X)		
Wi-Fi *	✓	Weight & dimensions	
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Width *	100 mm
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Depth *	303.5 mm
Antenna type	2x2	Height *	274.8 mm
Bluetooth	✓	Weight *	4.4 kg
Bluetooth version	5.1	Package width	195 mm
		Package depth	500 mm
		Package height	390 mm
		Package weight	6.25 kg
Ports & interfaces		Packaging content	
USB 2.0 ports quantity *	2	Display included *	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Mouse included	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Keyboard included	✗
VGA (D-Sub) ports quantity	1		
HDMI ports quantity *	1		



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