



DELL OptiPlex 7020 Intel® Core™ i5 i5-12500 8 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro SFF PC Must

Brand : DELL

Product family: OptiPlex

Product code:
N10807020SFFEMEA_N2_VP

Product name : 7020

DELL OptiPlex 7020. Protsessori perekond: Intel® Core™ i5, Protsessori mudel: i5-12500. Sisemälu: 8 GB, Sisemälu tüüp: DDR5-SDRAM. Salvestusmaht kokku: 512 GB, Salvestusseade: SSD. Pardagraafika adapteri mudel: Intel UHD Graphics 770. Installitud operatsioonisüsteem: Windows 11 Pro, Operatsioonisüsteemi arhitektuur: 64-bit. Toiteallikas: 180 W. Keretüüp: SFF. Toote tüüp: PC. Toote värv: Must



Processor		Expansion slots	
Processor manufacturer *	Intel	PCI Express x1 (Gen 3.x) slots	1
Processor family *	Intel® Core™ i5	PCI Express x16 (Gen 3.x) slots	1
Processor generation	12th gen Intel® Core™ i5	Design	
Processor model *	i5-12500	Chassis type *	SFF
Processor cores	6	Placement supported	Vertical
Processor threads	12	Cable lock slot	✓
Processor boost frequency	4.6 GHz	Cable lock slot type	Kensington
Performance cores	6	Product colour *	Black
Performance-core Max Turbo Frequency	4.6 GHz	Performance	
Performance-core base frequency	3 GHz	Motherboard chipset	Intel Q670
Processor cache	18 MB	Audio chip	Realtek ALC3204-CG
Processor cache type	Smart Cache	Audio system	High Definition Audio
Number of processors installed	1	Trusted Platform Module (TPM)	✓
Processor base power	65 W	Trusted Platform Module (TPM) version	2.0
Maximum turbo power	117 W	Product type *	PC
Memory		Software	
Internal memory *	8 GB	Operating system installed *	Windows 11 Pro
Maximum internal memory *	64 GB	Operating system architecture	64-bit
Internal memory type	DDR5-SDRAM	Trial software	Microsoft Office Trial, McAfee Business Protection 1-year
Memory layout (slots x size)	1 x 8 GB	Power	
Memory slots	2x DIMM	Power supply *	180 W
Storage		Power supply input voltage	90 - 264 V
Total storage capacity *	512 GB	Power supply input frequency	47/63 Hz
Storage media *	SSD	80 PLUS certification	80 PLUS Bronze
Optical drive type *	✗		
Number of storage drives installed	1		
Total SSDs capacity	512 GB		

Storage		Operational conditions	
Number of SSDs installed	1	Operating temperature (T-T)	10 - 35 °C
SSD capacity	512 GB	Storage temperature (T-T)	-40 - 65 °C
SSD interface	PCI Express	Operating relative humidity (H-H)	20 - 80%
NVMe	✓	Storage relative humidity (H-H)	5 - 95%
SSD form factor	M.2	Operating altitude	-15.2 - 3048 m
Graphics		Non-operating altitude	-15.2 - 10668 m
Discrete graphics card *	✗	Operating vibration	0.26 G
On-board graphics card *	✓	Non-operating vibration	1.37 G
Discrete graphics card model *	Not available	Non-operating shock	105 G
On-board GPU manufacturer	Intel	Weight & dimensions	
On-board graphics card family	Intel® UHD Graphics	Width *	92.6 mm
On-board graphics card model *	Intel UHD Graphics 770	Depth *	292.8 mm
Network		Height *	290 mm
Ethernet LAN *	✓	Packaging content	
Ethernet LAN data rates	10,100,1000 Mbit/s	Display included *	✗
Cabling technology	10/100/1000Base-T(X)	Carbon footprint	
Wi-Fi *	✗	Total carbon footprint (kg of CO2e)	160
Ports & interfaces		Carbon emissions, manufacturing (kg of CO2e)	80
USB 2.0 ports quantity *	4	Carbon emissions, logistics (kg of CO2e)	11
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Carbon emissions, energy usage (kg of CO2e)	64
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Carbon emissions, end-of-life (kg of CO2e)	4
HDMI ports quantity *	1	Total carbon emissions, w/o use phase (kg of CO2e)	96
HDMI version	1.4b	PAIA version	GaBi version 1, 2024
DisplayPorts quantity	1		
DisplayPort version	1.4a		
Combo headphone/mic port	✓		
Number of SATA III connectors	1		

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