

DELL OptiPlex 7020 Intel® Core™ i5 i5-14500T 8 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro MFF Mini PC musta

Tuotemerkki : DELL

Tuoteperhe: OptiPlex

Tuotekoodi: MFP56

Tuotteen nimi : 7020

DELL OptiPlex 7020. Suoritinperhe: Intel® Core™ i5, Prosessorimalli: i5-14500T. Sisäinen muisti: 8 GB, Sisäisen muistin tyyppi: DDR5-SDRAM. Kokonaistallennuskapasiteetti: 512 GB, Tallennusmedia: SSD. Sisältyvän näytönohjaimen malli: Intel UHD Graphics 770. Wi-Fi. Käyttöjärjestelmä asennettu: Windows 11 Pro, Käyttöjärjestelmän arkkitehtuuri: 64-bittinen. Virtalähde: 90 W. Alustatyyppi: MFF. Tuotetyyppi: Mini PC. Tuotteen väri: musta



Processor manufacturer* Intel® Core** is DisplayPort squantity 1.4a Processor generation Intel® Core** is (14th gen) Ethernet LAN (RJ-45) ports 1.4a Processor generation Intel® Core** is (14th gen) Ethernet LAN (RJ-45) ports 1 Processor model * is-14500T Comb headphone/mic port I Processor orores 14 Comb headphone/mic port I Processor trequency 4.8 GHz Comb headphone/mic port I Performance cores 8 Chassis type * MFF Performance-core Max Turbo Frequency 3.4 GHz Cable lock slot type Kensington Performance-core Max Turbo Frequency 1.7 GHz Performance Kensington Processor cache 24 MB Market positioning Business Processor cache type Smart Cache Multer hoad chipset Intel Q670 Number of processor sinstalled 1 Market positioning Realtex ALC3204 Processor cache type 35 W Bullt-in speaker(s) Number of processor sinstalled 1 Number of spe				
Processor generationIntel® Core" is (14th gen)DisplayPort version1.4aProcessor generation16-18 core" is (14th gen)Ethernet LAN (R)-45) ports1Processor ores14Corbo headphone/mic port4.000000000000000000000000000000000000	Processor		Ports & interfaces	
Processor boost frequency4.8 GH2DesignPerformance cores6Chasis type*MFFEfficient cores8Nacement supportedMerizontal/VerticalPerformance-core Max Turbo4.8 GH2Cable lock slot coreKensingtonPerformance-core base frequency3.4 GH2Product colour*BlackPerformance-core base frequency1.7 GH2Performance-core base frequency1.2 GH2Performance-core base frequency1.2 GH2Market positioningBusinessProcessor cache24 M8Motherboard chipsetIntel Q670Number of processors installed3.5 WMotherboard chipsetIntel Q670Number of processor sitstalled3.5 WMuther of speaker(s)Number of processor sitstalled3.6 GH2Processor functional (Processor Sitstalled)Number of processor sitstalled8.6 GH2Trusted Platform Module (TPM)Natimum turbo power8.6 GH2Product type*Natimum internal memory *8.6 GH2PoretionAloit type *Maximum internal memory *1.8 GB3PoretionAloit type *Storage capacity *1.2 GB3Operating system installed *Windows 11 ProOperating system installed *Storage Colesian (Sing System Installed *No Microsoft Office Licence Included *Storage capacity *1.2 GB3Operating system Installed *No Microsoft Office Licence Included *Operating system installed *Storage Colesian (Sing System Installed *Storage Colesian	Processor family *InProcessor generationInProcessor model *i5	Intel® Core™ i5 Intel® Core™ i5 (14th gen) i5-14500T	DisplayPort version Ethernet LAN (RJ-45) ports Combo headphone/mic port	1.4a 1 ✔
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Efficient-core base frequency 1.2 GHz Market positioning Business Processor cache 24 MB Motherboard chipset Intel Q670 Processor installed 1 Audio chip Realtek ALC3204 Number of processors installed 1 Muther of speakers I Processor base power 35 W Built-in speaker(s) ✓ Maximum turbo power 92 W Number of speakers 1 Memory 8 GB Trusted Platform Module (TPM) ✓ Internal memory * 8 GB Trusted Platform Module (TPM) ✓.0 Maximum internal memory * 8 GB Product type * Mini PC Memory DDR5-SDRAM Product type * Mini PC Memory slots 2.x SO-DIMM Operating system installed * Windows 11 Pro Storage SSD Operating system language Danish, English, Finnish, Norwegian, Swedish Optical drive type * X Operating system language Danish, English, Finnish, Norwegian, Swedish Optical drive type * X Trial software - - SD capacity 512 GB Power No Microsoft Office Licence Included - 30 day Trial Offer Only Number of SSDs installed 1 Power supply input voltage 10 - 240 V	Performance-core base frequency	1.7 GHz	Performance	
MemoryTrusted Platform Module (TPM)· (Action Action	Processor cache24 MBProcessor cache typeSmart CacheNumber of processors installed1Processor base power35 W	24 MB Smart Cache 1 35 W	Motherboard chipset Audio chip Built-in speaker(s)	Intel Q670 Realtek ALC3204
Internal memory *8 GBTrusted Platform Module (TPM)✓Maximum internal memory *64 GBTrusted Platform Module (TPM) version2.0Internal memory typeDDR5-SDRAMProduct type *Min PCMemory layout (slots x size)1 x 8 GBSoftwareMin PCStorage2 x SO-DIMMSoftwareOperating system installed *Windows 11 Pro Operating system architecture64-bitTotal storage capacity *512 GBOperating system languageDanish, English, Finnish, Norwegian, SwedishNo Microsoft Office Licence Included - 30 day Trial Offer OnlyOptical drive type *XTrial softwareNo Microsoft Office Licence Included - 30 day Trial Offer OnlyNumber of SSDs installed1PowerSSD capacity512 GBPower supply input voltage90 WSSD capacity512 GBPower supply input voltage10 - 240 VNVMe✓Power supply input frequency50/60 HzSSD form factorM.2Operational conditions50/60 Hz	Memory		Password protection	1
Memory slots2x SO-DIMMSoftwareStorageOperating system installed *Windows 11 Pro Operating system architectureTotal storage capacity *512 GBOperating system architecture64-bitStorage media *SSDOperating system languageDanish, English, Finnish, Norwegian, SwedishOptical drive type *XTrial softwareNo Microsoft Office Licence Included - 30 day Trial Offer OnlyTotal SSDs capacity512 GBPowerNumber of SSDs installed1PowerSSD capacity512 GBPower supply input voltage90 WSSD interfacePCI Express 4.0Power supply input voltage100 - 240 VNVMeNo.2Power supply input frequency50/60 HzSSD form factorM.2Operational conditionsSoftwareSSD performance class35SoftwareSoftware	Internal memory * Maximum internal memory * Internal memory type	64 GB DDR5-SDRAM	Trusted Platform Module (TPM) version	2.0
StorageOperating system architecture64-bitTotal storage capacity *512 GBDanish, English, Finnish, Norwegian, SwedishStorage media *SSDOperating system languageDanish, English, Finnish, Norwegian, SwedishOptical drive type *XTrial softwareNo Microsoft Office Licence Included - 30 day Trial Offer OnlyTotal SSDs capacity512 GBPowerNumber of SSDs installed1PowerSSD capacity512 GBPower supply input voltage90 WSSD interfacePCI Express 4.0Power supply input voltage100 - 240 VNVMePower supply input frequency50/60 HzSSD form factorM.2Operational conditions50/60 HzSSD performance class35S5S5			Software	
Number of SSDs installed1PowerSSD capacity512 GBPower supply *90 WSSD interfacePCI Express 4.0Power supply input voltage100 - 240 VNVMe✓Power supply input frequency50/60 HzSSD form factorM.2Operational conditionsSSD performance class3535	Storage Total storage capacity * Storage media * Optical drive type *	SSD ×	Operating system architecture Operating system language	64-bit Danish, English, Finnish, Norwegian, Swedish No Microsoft Office Licence Included
SSD capacity512 GBPower supply *90 WSSD interfacePCI Express 4.0Power supply input voltage100 - 240 VNVMePower supply input frequency50/60 HzSSD form factorM.2Operational conditionsSSD performance class3535	1 3		Power	
SSD performance class 35	SSD capacity512 GBSSD interfacePCI Express 4.0NVMe✓	Power supply * Power supply input voltage Power supply input frequency	100 - 240 V	
	SSD performance class	35	•	10 - 35 °C

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Storage		Operational conditions	
M.2 SSD size	2230 (22 x 30 mm)	Storage temperature (T-T)	-40 - 65 °C
Graphics		Operating relative humidity (H-H)	20 - 80%
Discrete graphics card * On-board graphics card * Discrete graphics card model * On-board GPU manufacturer On-board graphics card family On-board graphics card model *	× ✓ Not available Intel Intel® UHD Graphics Intel UHD Graphics 770	Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating vibration Non-operating vibration Operating shock Non-operating shock	5 - 95% -15.2 - 3048 m -15.2 - 10668 m 0.26 G 1.37 G 40 G 105 G
Network		Sustainability	
Ethernet LAN *	<	Sustainability compliance	 Image: A second s
Ethernet LAN data rates Wi-Fi *	10,100,1000 Mbit/s	Sustainability certificates	TCO, ENERGY STAR, EPEAT Climate +
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Doesn't contain	PVC/BFR
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4	Weight & dimensions	
WLAN controller manufacturer WLAN controller model	(802.11n), Wi-Fi 6E (802.11ax) Intel Intel Wi-Fi 6E AX211	Width * Depth * Height *	36 mm 178 mm 182 mm
Antenna type	2x2	Packaging content	
Bluetooth	√	Display included *	×
Ports & interfaces		Carbon footprint	
USB 2.0 ports quantity * USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2 3	Total carbon footprint (kg of CO2e) Carbon emissions, manufacturing (kg of CO2e)	91 59
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Carbon emissions, logistics (kg of CO2e)	2
PowerShare	✓	Carbon emissions, energy usage (kg	28
Number of USB ports with PowerShare support	1	of CO2e) Carbon emissions, end-of-life (kg of	1
HDMI ports quantity * HDMI version	1 1.4b	CO2e) Total carbon emissions, w/o use phase (kg of CO2e)	62
		PAIA version	GaBi version 1, 2024



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