

SPECIFICAȚII TEHNICE (F4.1)

Nr.	ocds-b3wdp1-MD-1612531341167				Alternativa nr.-		
Denumirea licitației:		Echipamente IT			Pagina 1 din 1		
COD CPV	Denumirea bunurilor și/sau a serviciilor	Modelul articolului	Țara de origine	Produce-cătorul	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant	Standarde de referință
1	2	3	4	5	6	7	8
50312000 5	Business All-in-One PC	Lenovo ThinkCentre M90a (P/N: 11CECTO1 WW)	China	Lenovo	Business All-in-One PC - 50 bucăți		
					AIO	Type	Business All-in-One PC
					Display	Display size	min. 23.8"
						Resolution	min. 1920x1080
						Panel Type	IPS
						LCD Features	Anti-Glare
					CPU	Generation	Data lansării începând cu anul 2020 și mai noi.
						Processor Base Frequency	min 3.0 GHz
						# of Cores	min. 6
						# of Threads	min. 12
						Cache	min. 8 MB
					Memory	Intel vPro Technology sau AMD PRO Technologies	Mandatory
						Capacity	min. 1 x 8GB
						Type	DDR4
						Speed	min. 2666 MHz
						Memory Slot (Total)	min. 2 slots
					Graphics	Max Memory Supported	min. 32 GB
						Graphics Type	Minim Integrated
					Hard Drives	PCIe® NVMe™ M.2 SSD	
						Type	Min speed. Sequential Read: 2000 MB/s, Sequential Write: 1000 MB/s
						Capacity	min. 256 GB
					Connectivity	Other	Secondary: HDD 2.5" sata sau support PCIe M.2
						WLAN	Min. 802.11ac (2x2)
						LAN	Gigabit Ethernet LAN
					Ports	Bluetooth	Bluetooth 5 – Mandatory
						USB	min. 5 x USB 3.1 (min. one with Power Share for charging - optional)
						Video Port	min. 1x HDMI 1.4 out min. 1x DP out
						Audio Ports	1 x Headphone/Microphone Combo Jack
						Ethernet	1 x RJ 45, Gigabit Ethernet
					Stand Type	Stand Adjustments	Height-adjustable stand min. 10 cm, tilt. (built in cable-management)
					Expansion Slots	Media reader	card reader (SD, SDHC, SDXC) - Optional
					Audio	Speaker	Integrated Stereo Speakers
					Camera	Built-In	min. 2.0MP Full HD Webcam, Pop-up privacy feature or physical switch on/off,
					Color	Black/Silver	Mandatory
							TPM 2.0, chassis intrusion switch,
							Lenovo ThinkCentre M90a
							23.8" PrivacyGuard screen, Full HD (1920x1080), IPS, 1000:1 contrast ratio, 350 nits
							Data lansării anul 2020
							Intel Core i5-10500 Processor vPro (12MB Cache, up to 4.50GHz with Turbo Boost)
							8GB DDR4 2666MHz SoDIMM
							2x DDR4 DIMM slots, dual-channel capable
							Up to 64GB DDR4-2933
							Integrated Graphics
							256GB Solid State Drive, M.2 2280, PCIe-NVMe, OPAL, TLC
							Storage Support Up to three drives, 2x 2.5" HDD + 1x M.2 2242/2280 SSD • 2.5" HDD up to 2TB each • M.2 SSD up to 1TB • Optional Intel Optane™ Memory, M.2
							Realtek RTL8822CE, 802.11ac Dual Band 2x2 Wi-Fi
							Gigabit Ethernet, Intel Ethernet Connection I219-LM, 1x RJ45, supports Wake-on-LAN
							Bluetooth 5.0, M.2 card
							Rear Ports 4x USB 3.2 Gen 1 (one supports Smart Power On)
							Right Ports 2x USB 3.2 Gen 2 1x USB-C 3.2 Gen 1 (5V/3A charging)
							1x DisplayPort 1x Dongle DP
							1x headphone / mic combo jack (3.5mm)
							1 x RJ 45, Gigabit Ethernet
							Full function monitor stand, supports -5° to +30° tilt, up to 80mm lift ((built in cable-management))
							3 in 1 Card Reader
							Integrated stereo speakers, 3W x2
							1080p, with ThinkShutter (physical switch on/off)
							Black
							Discrete TPM 2.0, TCG certified
							Physical Locks

n/a

Security	Security options	Setup/power-on/BIOS password, Security lock slot - optional	Kensington® Security Slot Chassis intrusion switch ThinkShutter camera cover BIOS Security: Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Smart USB protection (allows keyboard / mouse only, blocks all storage devices) Individual USB port disablement Self-healing BIOS
Warranty	5 years' parts, 5 years' labor, 5 years onsite (official later to confirm the warranty, official warranty with indicated on an official website of manufacturer)		5 years' parts, 5 years' labor, 5 years onsite (official later to confirm the warranty, official warranty with indicated on an official website of manufacturer)
Accessories			
Keyboard & Mouse combo (same as PC brand, color Black/Silver)		Bundle wireless full size Keyboard with numeric pad (Eng/Rus factory engraved, quiet typing) and quiet Laser Mouse, batteries	Official 5Years Onsite warranty upgrade from 3Y Onsite (P/N: 5WS0V08568)
Software			
OS		Windows 10 Pro x64	Preinstalled Windows 10 Pro x64