

CAIET DE SARCINI
la concursul pentru achiziționarea bunurilor
prin metoda cererii ofertelor de prețuri

Lot 1

Supercomputer – 1 buc.

Placa de bază	Socket: Dual socket p (LGA 3647) support Intel® Xeon® processor Scalable Processors; Dual UPI up to 10.4 GT/s Chipset: Intel® C612 chipset SATA: SATA3 (6Gbps); RAID 0, 1, 5, 10 Interfață rețea: Două porturi GgE de la C621 Audio: RealTek ALC888 7.1 High Definition Audio with S/PDI header
Procesor	două procesoare 2x CPU Intel XEON GOLD 6126 12C/24T 2.6 Ghz (3.7GHz Turbo)
Cooler/ Racire Procesor	2 x CPU Cooler Termaltake Contac 39 (sau echivalent) , Socket 2011, up to 180W, Fan Dimension: 120 x 120 x 25 mm (L x W x H) Fan Speed: 800 - 2000 RPM (PWM)
Memorie Operativă	4 x 16GB DDR4 2666Mhz ECC, Dual channel.
Unitate de stocare / Hard Disk	2x1TB Seagate Enterprise Class 512n
Unitate de stocare/ SSD (p/u Windows și programe)	1x512 gb M.2 NVME (3500Mb/s read, 2300Mb/s write)
DVD	Optical writer LG
Placa Video	NVIDIA® Quadro® P400 2048MB DDR5, PCI-E
Carcasa	Supermicro CSE-732D3-1200B (sau echivalent) Front panel: Power On/Off button, Hard drive activity LED, Network activity LEDs, System Information LED , 2x Front USB 3.0 Ports, 1xAudio Jack Back panel: 4x USB 3.0 ports, 2x USB 2.0 ports, 2x RJ45 Gigabit Ethernet LAN ports Cooling: 1 x 12cm rear exhaust fan(s) Optional 1 x 12cm (front) cooling fan Dimensiuni (WxHxD): 424 x193 x 525 mm Drive base: 4 x 3.5" fixed drive bay Optional 4 x 2.5" fixed drive bay
bloc de alimentare	1200W Platinum High-efficiency Power Supply (sau de putere mai mare) Eficiența: min. 93% AC Input: 220V, frecvență 50-60Hz DC Output: +3.3V / +5V / +12V / -12V / +5VSB 1200W min: 0.3A / 0.3A / 1A / 0 A / 0 A max: 20A / 20A / 99A / 0.3A / 3A
Sistem de operare	Windows 10 pro for Workstations edition
Garanție	min. 2 ani

Lot 2

Computer – 1 buc.

Placa de bază	Socket: Support for 8th Generation Intel® Core™ i7 processors/Intel® Core™ i5 processors/Intel® Core™ i3 processors/Intel® Pentium® processors/Intel® Celeron® processors in the LGA1151 package Socket p (LGA 1151) support Intel® processor Chipset: Intel® H310 Express Chipset 1 x D-Sub port; 1 x DVI-D port SATA: 4 x SATA 6Gb/s Interfață rețea: Realtek® GbE LAN chip (10/100/1000 Mbit) Audio: Realtek® ALC887 1 x PCI Express x16 slot 1 x PCI Express x1 slot 4 x USB 3.1 Gen 1 ports 6 x USB 2.0/1.1 ports
Procesor	LGA 1151 v2, INTEL Core i3-8100 Box, 3.6GHz, 6MB, 14nm, 65W, Intel UHD Graphics 630, 4 Cores/4 Threads
Memorie Operativă	4GB DDR4, 2133MHz, PC17000 CL15 / 1.2V
Unitate de stocare / Hard Disk	HDD 500 GB, 7200rpm 64MB SATAIII
Unitate de stocare/ SSD	SSD 120GB, 2.5" (3500Mb/s read, 2300Mb/s write)
Carcasa	Front panel: Power On/Off button, Hard drive activity LED, System Information LED , 2x Front USB 3.0 Ports, 1xAudio Jack Back panel: 2x USB 3.0 ports, 2x USB 2.0 ports, 1x RJ45 Gigabit Ethernet LAN port
Bloc de alimentare	500W, ATX AC Input: 220V, frecvență 50-60Hz
Sistem de operare	Windows 7 preinstalat
Garanție	min. 2 ani

Lot 3

Monitor – 1 buc.

Diagonala ecranului	min 27"
Tip ecran	LED
Rezoluția ecranului	1920x1080
Adâncimea culorii (nr. de culori)	min. 16.7M
Timp de răspuns	1 ms
Luminozitate	min 250 cd/m ²
Contrast tipic	1000:1
Regim lucru (engl. Aspect ratio):	16:9
Rata de actualizare	60 Hz
Unghiul observării pe laturile orizontală / verticală	170° / 160°
Porturi intrare:	min. 1x HDMI, 1x VGA
Conținutul pachetului livrat:	suport tip picior, cablu HDMI (1.8m), cablu VGA (1.8m)
Garanție:	min. 24 luni