

Specificații tehnice (F4.1)

[Acest tabel va fi completat de către ofertant în coloanele 3, 4, 5, 7, iar de către autoritatea contractantă – în coloanele 1, 2, 6, 8]

Numărul procedurii de achiziție ocds-b3wdp1-MD-1617171195536 din 31.03.2021
Denumirea procedurii de achiziție: Diverse echipamente informatice

Denumirea bunurilor/serviciilor	Modelul articolului	Țara de origine	Producătorul	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant	Standarde de referință
2	3	4	5	6	7	8
Bunuri/servicii						
Calculator (set: tastatură, mouse, monitor)	Calculator (set: tastatură, mouse, monitor)	China Polonia	SPACER Intel Gigabyte GOODRAM SAMSUNG Logitech	MB - Compatibil cu CPU, Dual 2xDDR4-2933, CPU Intel graphics, VGA, HDMI, 1xPCIe X16, 4xSATA3, 1xM.2, 2xPCIe X1, ALC887 HDA, GbE LAN, 4xUSB3.2, mATX CPU - Frecvența procesorului - 4.0GHz (2C/4T), 4MB Cache,14nm, TDP: 58W, Box, Bus Speed 8 GT/s, 4K Support, at 60Hz, Graphics-(350MHz-1,05GHz), Hyper-Threading Technology, Virtualization Technology (VT-	CARCASA SPACER Middle-Tower ATX, sursa SPS-ATX-450, Mercury, Front USB2.0+Audio, Body Black, "SPC-MERCURY Intel Pentium G6400, S1200, 4.0GHz (2C/4T), 4MB Cache, Intel UHD Graphics 610, 14nm 58W, Box MB Gigabyte H410M S2, Socket 1200, Intel H410, Dual 2xDDR4-2933, CPU Intel graphics, VGA, 1xPCIe X16, 2xPCIe 2.0 x1, 4xSATA3, ALC887 HDA, GbE LAN, 8GB DDR4-2666 GOODRAM, PC21300, CL19, 1.2V GR2666D464L19S/8G	

				<p>x),Virtualization Technology for Directed I/O (VT-d). COOLER - Compatibil cu CPU RAM -DDR4 8Gb, 2666MHz,DIMMPC21300 SSD - 240Gb, Viteza citire/scriere- 520/400MB/s, SATA III (6Gb/s) Placa video - Integrated Graphics Case - M - ATX, USB 2.0 x 2, Jack 3.5mm ,450w, Black Kit (Tastatura+ Mouse - USB, Standart, Black (US-Russian+Romanian), Optic, 1600dpi, USB+Monitor</p>	<p>2.5" SSD 240GB GOODRAM CL100 Gen.3, SATAIII, Read: 520 MB/s, Writes: 400 MB/s, 7mm, Controller Marvell 88NV1120, NAND TLC 3D 23.8" SAMSUNG "S24R350FHI", Black/Gray (IPS 1920x1080, FreeSync 75Hz, 5ms, 250cd, D-Sub+HDMI) Logitech Keyboard K120 for Business, USB, OEM, Russian Layout Logitech B100 Optical Mouse, Black, USB, OEM Garantie 24 luni</p>	
<p>Imprimantă multifuncțională, laser</p>	<p>MFD Canon i-Sensys MF237w</p>	<p>China</p>	<p>Canon</p>	<p>Viteză de imprimare - 23 ppm monocrom (A4), timp de imprimare a primei pagini: aprox. 6,0 secunde sau mai puțin. Metodă de imprimare - Imprimare monocrom cu laser. Rezoluție de imprimare - 600 x 600 dpi. Calitatea imprimării:1200 x 1200 dpi. Caracteristici de imprimare avansate: compatibilitate cu Google Cloud Print. iOS: airPrint, aplicația PRINT Business</p>	<p>MFD Canon i-Sensys MF237w, MFD A4, 23 ppm, Wi-Fi, Network, Fax, ADF 35 sheet Print, Copy, Scan and Fax Single sided: Up to 23 ppm (A4) Print quality: Up to 1200 x 1200 dpi Print Resolution: 600 x 600 dpi Printer languages UFRII-LT Advanced Space features: Google Cloud Print Ready iOS: AirPrint, Canon PRINT Business app Android; Mopria certified, Canon Print Service Plug-in, Canon PRINT Business app Multiple Copy: Up to 999 copies Reduction/Enlargement: 25-400% in 1% increments Scanner Type: ADF, Flatbed, Colour Scan Resolution Optical: Up to 600 x 600 dpi</p>	

			<p>Android; certificare Mopria; plug-inul Print Service, aplicația PRINT Business.</p> <p>Ciclu de lucru - Max. 15.000 de pagini pe lună.</p> <p>GESTIONARE</p> <p>MATERIALE:</p> <p>Alimentare cu hârtie (standard) - Tavă multifuncțională pentru 250 de coli.</p> <p>Ieșire hârtie - 100 de coli</p> <p>Tipuri de suporturi material - Hârtie simplă, hârtie color, hârtie reciclată, hârtie grea, hârtie de legare, etichetă, fișă de indexare, plic.</p> <p>Formate de hârtie - A4, A5, B5, Legal, Letter, Executive, Statement, formate personalizate: min. 76,2 x 210 mm max. 216 x 356 mm, OFFICIO, B-OFFICIO, M-OFFICIO, GLTR, GLGL, hârtie concept, 16K, plic (COM10, DL, C5).</p> <p>Greutatea hârtiei - Casetă: 60 - 163 g/m².</p> <p>Tavă multifuncțională: 60-163 g/m².</p> <p>ADF: 50 - 105 g/m²</p> <p>CARACTERISTICI GENERALE:</p>	<p>Enhanced: Up to 9600 x 9600 dpi Scan speed Single sided mono: 20 ipm (300x300dpi) Single sided colour: 15 ipm (300x300dpi) Colour scanning depth: 24 bit/24 bit (input/output) Scan to PC: TIFF/JPEG/PDF/Compact PDF/Searchable PDF Fax : 33.6 Kbps (Up to 3 seconds/page) Fax only, Fax/Tel Auto Switch, Answer Mode, Manual Paper input (Standard): 250-sheet cassette 1-sheet multi-purpose tray 35 sheet ADF Paper output: 100-sheet</p> <p>Interface type: USB 2.0 Hi-Speed, 10BASE-T/100BASE-TX, Wireless 802.11b/g/n, Wireless Direct Connection Recommended Monthly Print Volume: 500 - 2,000 pages per month Duty cycle: Max. 15,000 pages per month</p> <p>Memory 256MB</p> <p>Control Panel: 6 lines B&W LCD Touch Screen,</p> <p>Cartridge 737(capacity 2400 pages*)</p> <p>Cablu USB pentru conexiunea la computer.</p> <p>Garantie 24 luni</p>	
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				<p>Cerințe de alimentare - 220 - 240 V c.a. ($\pm 10\%$), 50/60 Hz (± 2 Hz).</p> <p>CONTROLLER</p> <p>Memorie - 256 MB</p> <p>Interfață și conectivitate - USB 2.0 Hi-Speed</p> <p>Cablu USB pentru conexiunea la computer.</p> <p>Numărul de copii: minim 2400.</p>	
Mouse Pad	Gembird Mouse pad MP-S-BK	China	Gembird	Mouse Pad CLASSIC MIDI, Rubber bottom, Gaming mouse pad, 300x240x3 mm,	Gembird Mouse pad MP-S-BK, SBR rubber, Grey
Mouse cu fir	Logitech B100 Optical Mouse	China	Logitech	Optical Mouse, Rezoluție 800 dpi, Conectivitate USB, 3 butoane, Funcționează cu Windows Vista, Windows 7, Windows 8, Windows 10, Optical tracking, Black, USB, OEM.	Logitech B100 Optical Mouse, Black, USB, OEM Garantie 24 luni
Notebook	Notebook ASUS 15.6" X515JA	China	ASUS	<p>CPU: Tip: mobile, 1xCPU, 2 Core, 4 Threads, 1,2-3.4 GHz, 4 MB.</p> <p>Smart Cache, suport Max Memory Size (dependent on memory type).</p> <p>64 GB DDR4-3200 MHz, 2 memory chanel, Processor Graphics : (300MHz-900MHzmax), Max Resolution (HDMI) 4096 x 2304@60Hz, TDP-15 W, bus speed 4 GT/s.</p>	<p>Notebook ASUS 15.6" X515JA Grey (Core i3-1005G1 8Gb 256Gb)</p> <p>15.6" FHD (1920x1080) Non-glare, Intel Core i3-1005G1 (2x Core, 1.2GHz - 3.4GHz, 4Mb), 8Gb (4Gb Onboard + 4Gb) PC4-19200, 256Gb PCIE, Intel UHD Graphics, HDMI, 802.11ac, Bluetooth, 1x USB-C, 1x USB 3.2, 2x USB 2.0, Card Reader, Webcam, No OS, 2-cell 37Wh Battery, 1.7kg, Slate Grey</p> <p>Garantie 24 luni</p>

				<p>RAM: 4 GB DDR4, 2400MHz DIMM.</p> <p>MB:up to 12 GB DDR4 RAM, Wi-Fi 5 (802.11ac), 1xUSB3.1 Type A,1xUSB3.1 Type C,2xUSB2.0,1xHDMI, 3.5 mm audio.</p> <p>HDD: 256 Gb SSD.</p> <p>Display&Cam: 15,6", FullHD, HD720p webcam, Built-in Microphone,</p> <p>Battery: 2 cell battery,Li-Ion,Battery capacity (Watt-hours) 32 Wh</p> <p>KB&Cardreader: KB , cu taste numerice,SD card reader</p> <p>Audio: Dual Speakers Sonic Master.</p> <p>Case: Black.</p> <p>OS: DOS/Linux</p> <p>Garanție: Completă pe 2 ani.</p>		
Notebook	NB Lenovo 15.6" ThinkBook 15 G2	China	Lenovo	<p>Procesor: 6C / 6T, 2.3 / 4.0GHz, 3MB L2 / 8MB L3, Graphics: Integrated AMD Radeon Graphics, Memory: 8GB Soldered DDR4-3200,One memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable,Up to 40GB (8GB soldered + 32GB SO-DIMM) DDR4-3200,</p>	<p>NB Lenovo 15.6" ThinkBook 15 G2 ARE (Ryzen 5 4500U 8Gb 512Gb) 15.6" IPS FHD (1920x1080) Non-glare, AMD Ryzen 5 4500U (6x Core, 2.3GHz - 4.0GHz, 8Mb), 8Gb (Onboard) PC4-25600, 512Gb PCIE, AMD Radeon Graphics, HDMI, Gbit Ethernet, 802.11ax, Bluetooth, 2x USB-C, 2x USB 3.2, Card Reader, HD Webcam, Fingerprint, No OS,</p>	

				<p>Storage:256GB SSD M.2 2242 PCIe 3.0x4 NVMe + Empty M.2 2280 PCIe 3.0x2 SSD Slot, Storage Support: Dual SSD mode: up to two drives, 2x M.2 2280 SSD, 2x M.2 2242 SSD or 1x M.2 2280 SSD + 1x M.2 2242 SSD/ M.2 2280 SSD up to 1TB/ M.2 2242 SSD up to 512GB,Card Reader :4-in-1 Card Reader,Audio Chip :High Definition (HD) Audio, Realtek ALC3287 codec,Speakers:Dolby Audio,Stereo speakers, 2W x2, Web camera:720p with ThinkShutter, Microphone:2x, Array, Battery: Integrated 45Wh, MobileMark 2018: 7.5 hr (45Wh),Power Adapter :65W USB-C, Display:15.6" FHD (1920x1080) IPS 250nits Anti-glare, Fără Touchscreen, Surface Treatment : Anodizing sandblasting, Ethernet: 100/1000M,WLAN + Bluetooth :11ax, 2x2 + BT5.1, Standard Ports :1x card reader,1x Ethernet (RJ45),1x</p>	<p>45Wh Battery, Illuminated Keyboard, 1.7kg, Mineral Grey Garantie 24 luni</p>	
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				USB 3.2 Gen1;1x USB 3.2Gen 1(Always On) 1x HDMI 1.4b,1x headphone / microphone combo jack (3.5mm),2x USB-C 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort 1.4),Firmware TPM 2.0,Green Certifications : ENERGY STAR 8.0,EPEAT Silver, ErP Lot 3, RoHS compliant,TÜV Low Blue Light certified.	
Tastatură cu fir	Logitech Keyboard K120 for Business	China	Logitech	Keyboard for Business, Interface: USB compatible, OEM, Russian Layout, Key Life:10,000,000 key strokes (excludes number lock key), Key type: low profile, Lungime cablu:1,5m.	Logitech Keyboard K120 for Business, USB, OEM, Russian Layout Garantie 24 luni
Conectori	J45 Shielded Modular Plug, Cat.6, Through type 100PCS/BAG	China	China	Conector Shielded Modular Plug, Cat.6, Through type 100PCS/BAG.	J45 Shielded Modular Plug, Cat.6, Through type 100PCS/BAG
Bloc de sistem	Bloc de sistem	China Polonia	SPACER Intel Gigabyte GOODRAM	MB - Compatibil cu CPU, Dual 2xDDR4-2933, CPU Intel graphics, VGA, HDMI, 1xPCIe X16, 4xSATA3, 1xM.2, 2xPCIe X1, HDA, GbE LAN, 4xUSB3.2, CPU - Frecvența procesorului - 4.3 GHz (4C/8T), 6MB Smart Cache,14nm,TDP-	CARCASA SPACER Middle-Tower ATX, sursa SPS-ATX-450, Mercury, Front USB2.0+Audio, Body Black, "SPC-MERCURY CPU Intel Core i3-10100, S1200, 3.6-4.3GHz (4C/8T), 6MB Cache, Intel UHD 630, 14nm 65W, Box MB Gigabyte H410M S2, Socket 1200, Intel H410 , Dual 2xDDR4-

				<p>65W, Box, Bus Speed 8 GT/s, 4K Support, at 60Hz, Processor Graphics(350 MHz-1,10GHz), ADV.Techn (VT-x with Extended Page Tables (EPT), Identity Protection Technology, Enhanced Intel SpeedStep® Technology, Virtualization Technology for Directed I/O (VT-d), Intel® Optane™ Memory Supported) COOLER - Compatibil cu CPU. RAM -DDR4 8Gb, 2666MHz, DIMMPC21300 SSD - 240Gb, Viteza citire/scriere- 520/400MB/s, SATA III (6Gb/s). Placa video - Integrated Graphics. Case - M - ATX, USB 2.0 x 2, Jack 3.5mm ,450w, Black</p>	<p>2933, CPU Intel graphics, VGA, 1xPCIe X16, 2xPCIe 2.0 x1, 4xSATA3, ALC887 HDA, GbE LAN, 8GB DDR4-2666 GOODRAM, PC21300, CL19, 1.2V GR2666D464L19S/8G 2.5" SSD 240GB GOODRAM CL100 Gen.3, SATAIII, Read: 520 MB/s, Writes: 400 MB/s, 7mm, Controller Marvell 88NV1120, NAND TLC 3D Garantie 24 luni</p>	
CD-uri pentru stocare	CD-R Printable 50*Cake, Verbatim, 700MB	China	Verbatim	CD-R Printable, 700MB,	CD-R Printable 50*Cake, Verbatim, 700MB, 52x, AZO PRO, Printable NO ID Brand	
Boxe, 20Wt	Speakers 2.1 F&D A110	China	F&D	Speakers (13W + 2x11W) Volume & bass controls.	Speakers 2.1 F&D A110, 35W (13W + 2x11W) Volume & bass controls Garantie 24 luni	
SSD 480 Gb sau 512Gb	2.5" SSD 480GB GOODRAM	Polonia	GOODRAM	2.5" SSD 480GB G.3, SATAIII, Read: 540 MB/s, Write: 460 MB/s, 3D NAND TLC.	2.5" SSD 480GB GOODRAM CL100 Gen.3, SATAIII, Read: 540 MB/s, Write: 460 MB/s, 3D NAND TLC SSDPR-CL100-480-G3	

					Garantie 24 luni
Monitor 23.8	Monitor 24" LG "24MP59G-P"	China	LG	Monitor - diagonală și rezoluție - 24 Inch Full HD (1920x1080). Display, Format Ecran-16:9, Luminozitate: 250cd/m ² (Typ.), 200cd/m ² (Min.), Contrast-1000:1, Unghi vizibilitate-170/160, Rata de actualizare - 75 Hz, Tipul panoului: Intrusion Prevention System, Timp de raspuns - 5ms, 1ms MBR, suprafață - Anti-Glare 3H, Înclinare:-2 ° ~ 15, CARACTERISTICI SPECIALE: (HDCP,DDC / CI,Crosshair, Plug & Play, Auto Resolution, Key Lock).	Monitor 24" LG "24MP59G-P", Black (IPS 1920x1080, 1ms MBR, 250cd, Mega DCR (1000:1), HDMI+D-Sub+DP) (23.8"W (16:9) IPS LED, 1920x1080 Full-HD, 1ms MBR, 250 cd/m ² , Mega DCR (1000:1) : sRGB 99%, 178°/178°, FreeSync, 75Hz, HDMI + D-Sub + DP, 1ms Motion Blur Reduction, Black Stabilizer, Crosshair, 4-Screen Split, FreeSync, DAS, Black) Garantie 24 luni
Placă RAM, 4Gb	4GB DDR4-2666 Kingston ValueRam	China	Kingston	4GB DDR4-2400MHz 1.2V, CL-19.	4GB DDR4-2666 Kingston ValueRam, PC21300, CL19, 1.2V KVR26N19S6/4 Garantie 24 luni
Cablu APV FTP cat.6, 305m	Cable UTP Cat.6, 23awg	China	China	Cable Cat.6, 23 awg, CCA, 305M/CTN 4X2X1/0.57	Cable UTP Cat.6, 23awg , CCA, 305M/CTN 4X2X1/0.57 , APC Electronic
Cablu VGA, 10m	Cable VGA M/M 10m HD15M/HD15M, LANBERG	China	LANBERG	Cablu VGA- Lungime 1000CM, Cantitatea de PIN-uri:15, Conectori: VGA, Material: Oțel placat cu cupru (CCS), Asamblarea conectorului: Nichel, Chipset: Nu, Împletitură de sârmă:	Cable VGA M/M 10m HD15M/HD15M, LANBERG CA-VGAC-10CC-0100-B Garantie 24 luni

				Scut din plastic, Tipul de ecranare: Protecție dublă, Conector unghiular: nu.	
Cablu HDMI, 10m	Cable HDMI M to HDMI M 10m	China	Lanberg	Cablu HDMI-Lungime: 1000CM, Cantitatea de PIN-uri:19, Conectori: HDMI, Rezoluție până la 3840 x 2160 @ 30Hz sau 1920 x 1080 @ 120Hz, Asamblarea conectorului: Placat cu aur, AWG:28 + 30, Împletitură de sârmă: Scut din plastic, Versiunea HDMI: 1.4b, Chipset:nu, Certificat de conformitate (CE),Viteza transmisiei:10,2 Gb / s.	Cable HDMI M to HDMI M 10m v1.4b 4K Lanberg CA-HDMI-10CC-0100-BK Garantie 24 luni
Switch, 5 porturi.	TP-LINK TL-SG1005D	China	TP-LINK	Desktop Switch-Interfață: 5 10/100/1000 Mbps RJ45 Ports. Auto Negotiation/Auto MDI/MDIX, Adaptor de alimentare: extern (ieșire: 9VDC / 0.6A), Blocare de securitate fizică: nu, Cantitatea ventilatoare: fără ventilatoare, Funcții avansate: Green Technology, 802.3x Flow Control,Back Pressure,802.1p /DSCP QoS.	TP-LINK TL-SG1005D 5-port Desktop Gigabit Switch, 5 10/100/1000M RJ45 ports, plastic case Garantie 24 luni
Cameră Web.	Camera Web Tellur Full HD TLL491131	China	Tellur	Web Camera-Senzor de imagine: 1/2.7 2MP, Rezoluție video: 1080p (Full HD), Rata cadrelor video: 30 fps, Câmp de vizualizare: 97°,	Camera Web Tellur Full HD, 2MP, Autofocus, Microphone TLL491131 Garantie 24 luni

				Microfon de reducere a zgomotului integrat, Lungimea cablului: 150cm, Conexiune: USB 2.0, Alimentare electrică: USB DC 5V, Corecție automată a luminii slabe, Tip de focalizare: Autofocus, Compatibilitate OS: Windows® 10 sau o versiune ulterioară, Windows 8, Windows 7, Mac OS, Format de codificare: MJPEG, Format de codare audio: PCM, Dimensiuni: 85 x 71,4 x 32 mm.	
Prelungitor, 5m, 5 cuihuri	Prelungitor cu protecție Defender ES black 5m, 5 sockets	China	Defender	Prelungitor - Tensiune / frecvență nominală: 230 V / 50 Hz, Curent maxim de încărcare: 10A, Energie maximă disipată: 125j, Circuite protejate: Neutru la cald, Putere maximă de încărcare totală: 2200W, Prize cu împământare /Numărul de prize: 5, Lungime: 5m, Culoare:negru, Garantie:12luni.	Prelungitor cu protecție Defender ES black 5m, 5 sockets Garantie 24 luni
Prelungitor USB-USB, 3m	Cable USB, USB AM/AF, CCP-USB2-AMAF-10	China	Cablexpert	Cable Extension USB2.0 - 3m -A M - A F.	Cable USB, USB AM/AF, 3.0 m, USB2.0, Cablexpert, CCP-USB2-AMAF-10
Scule pentru întreținerea calculatoarelor	"SPT-HOUSE-39"	China	Spacer	Set scule pentru întreținerea calculatorului.	Trusa scule retelistica, 10 piese, trusa inclusa plus Tools Spacer, 39 pcs, varfuri de surubelnita (x20) ,

					surubelnite (x4),patent, ciocan, ruleta, foarfeca, cutter, chei hexagonale (x8), "SPT-HOUSE-39"	
Spray pentru monitoare	ESPERANZA ES122M	China	ESPERANZA	ES Cleaner + Microfiber cleaning cloth, 150ml.	ESPERANZA ES122M LCD/TFT Cleaner + Microfiber cleaning cloth, 150ml	
Switch, 16 porturi	TP-LINK TL-SF1016D	China	TP-LINK	System Requirements: Microsoft® Windows® 98SE, NT, 2000, XP, Vista™ or Windows 7, MAC® OS, NetWare®, UNIX® or Linux. Certification: FCC, CE, RoHs, Funcții avansate: Green Technology, saving power up to 80%, 802.3X Flow Control, Back Pressure, Metoda de transfer: Store and Forward, Max Heat Dissipation:11.01 BTU/h, Consum maxim de energie: 3,23 W (220V / 50Hz), Blocare de securitate fizică: NU, Interfață:1610 / 100Mbps RJ45 Porturi, AUTO Negociere / AUTO MDI / MDIX.	TP-LINK TL-SF1016D 16-port 10/100M Desktop Switch,16 10/100M RJ45 ports, Plastic case Garantie 24 luni	
Router Wi-Fi Archer	TP-LINK Archer C60	China	TP-LINK	Procesor: Qualcomm CPU,Ethernet Ports:1× 10/100 Mbps WAN Port, 4× 10/100 Mbps LAN Ports, Power: 12 V = 1 A, Working Modes: Router Mode, Access Point Mode, Buttons: Wi-Fi On/Off Button,	TP-LINK Archer C60 AC1350 Dual Band Wireless Router, Qualcomm, 867Mbps at 5GHz + 450Mbps at 2.4GHz, 802.11ac/a/b/g/n, 1 10/100M WAN + 4 10/100M LAN, Wireless On/Off, 5 fixed antennas Garantie 24 luni	

				<p>Power On/Off Button, WPS/Reset Button, Capacitate WiFi-Mediu: Dual-Band Alocați dispozitive pe benzi diferite pentru performanțe optime, MU-MIMO: Comunică simultan cu mai mulți clienți MU-MIMO, Gama WiFi: 5 × Antene fixe. Antenele multiple formează o matrice de creștere a semnalului pentru a acoperi mai multe direcții și zone mari, Beamforming Concentrates wireless signal strength towards clients to expand WiFi range, Viteze WiFi: (5 GHz: 867 Mbps (802.11ac), 2,4 GHz: 450 Mbps (802.11n)), Standarde:(Wi-Fi 5 IEEE 802.11ac / n / a 5 GHz, IEEE 802.11n / b / g 2,4 GHz), WiFi SECURITY: WEP, WPA, WPA2, WPA/WPA2-Enterprise (802.1x), Securitatea rețelei: SPI Firewall, Access Control, IP & MAC Binding, Application Layer Gateway, VPN Server: Open VPN, PPTP, Guest Network: 1× 5 GHz Guest Network, 1× 2.4 GHz Guest Network;</p>	
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				<p>Protocols: IPv4, IPv6; WAN Types: Dynamic IP, Static IP, PPPoE, PPTP, L2TP; Calitatea serviciului: QoS by Device, Serviciu Cloud: OTA Firmware Upgrade, TP-Link ID, DDNS; NAT Forwarding: Port Forwarding, Port Triggering, DMZ, UPnP; IPTV: IGMP Proxy, GMP Snooping, Bridge, Tag VLAN; DHCP: Address Reservation, DHCP Client List, Server; Management: Tether App, Webpage; Sensibilitate la recepție WiFi-5GHz: 11a 6Mbps: -93dBm ; 11a 54Mbps:-78dBm 11ac HT20 mcs8:69dBm; 11ac HT40 mcs9:-65dBm; 11ac HT80 mcs9:-62dBm; 2.4GHz:11g 54Mbps:-78dBm; 11n HT20 mcs7:-74dBm; 11n HT40 mcs7:-71dbm; Certifications:FCC, CE, RoHS.</p>		
Calculator (set)	Calculator (set)	China Polonia	ASRock Ryzen Deepcool Kingston GOODRAM SPACER PHILIPS Logitech	<p>MB - Compatibil cu CPU, Bios:128Mb AMI UEFI Legal BIOS with GUI support, Supports "Plug and Play, Supports jumperfree, CPU, CPU VDDCR_SOC, DRAM, VDDP Voltage Multi-adjustment, Graphics:</p>	"MB ASRock A520M-HDV, Socket AM4, AMD A520, Dual 2xDDR4-4733, APU AMD graphics, VGA, DVI, HDMI, 1xPCIe 3.0 X16, 1xPCIe 3.0 X1, 4xSATA3, RAID, 1xUltraM.	

				<p>Shared memory default 2GB. Max Shared memory supports up to 16GB, Supports Triple Monitor, Supports HDCP 2.3 with DVI-D and HDMI 2.1 Ports, Supports 4K Ultra HD (UHD), 1 x PCI Express 3.0 x16 Slot (PCIe2: x16 mode), 1 x PCI Express 3.0 x1 Slot, 7.1 CH HD Audio (Realtek ALC887 Audio Codec), Supports Surge Protection, PCIe x1 Gigabit LAN 10/100/1000 Mb/supports Wake-On-LAN, Supports PXE, Supports Lightning/ESD Protection, 4 x SATA3 6.0 Gb/s, 1 x Ultra M.2 Socket, 2 x DDR4 DIMM Slots CPU compatible with MB, procesor cu minim 6 nuclee, Max Boost: până la 4,2GHz; Total L3 Cache 32MB, Default TDP / TDP, 65W; Threads: 12, Total L1 Cache: 384KB, Socket Count: 1P, Max Temps: 95°C, Frecvența de bază: 3.6GHz, Total L2 Cache: 3MB, PCI Express® Version/ PCIe 4.0, OS Compatible: Windows 10 - 64-Bit Edition, RHEL x86 64-Bit, Ubuntu x86 64-Bit, System Memory</p>	<p>CPU AMD Ryzen 5 3600, Socket AM4, 3.6-4.2GHz (6C/12T), 32MB L3, 7nm 65W, Tray 100-000000031 Deepcool Cooler ""GAMMA ARCHER"", Socket 775/1150/1151/1155 & AM4/FM2/AM3+, up to 95W, 8GB DDR4-2666 Kingston ValueRam, PC21300, CL19 1.2V KVR26N19S6/8 2.5"" SSD 512GB GOODRAM CX400 Gen.2, SATAIII, Read: 550 MB/s, Write: 500 MB/s, 7mm, 3D NAND TLC SSDPR-CX400-512-G2 CARCASA SPACER Middle-Tower ATX, sursa SPS-ATX-450, Mercury, Front USB2.0+Audio, Body Black, ""SPC-MERCURY MONITOR PHILIPS 28", gaming, TN, 4K UHD (3840 x 2160), Wide, 300 cd/MP, 1 ms, VGA, DVI, DisplayPort, „288P6LJEB/00” Logitech Wireless Combo MK330, Multimedia Keyboard & Mouse, USB, Retail Garantie 24 luni</p>	
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				<p>Specification: DDR4 Up to 3200MHz. Sistem de răcire compatibil: Max. Air Flow(54.25CFM), Noise(26.1dB(A)), Fan Speed:1600±10%RPM, Started Voltage: 7VDC, Bearing Type: Hydro.</p> <p>Ram 8GB compatibil, Row Cycle Time (tRCmin): 45.75ns(min.), Refresh to Active/Refresh Command Time: 350ns (min.), Row Active Time: 32ns(min.), UL Rating:94 V - 0, Maximum Operating Power: TBD W, Low-power auto self refresh (LPASR), Single-rank, On-board I2 serial presence-detect (SPD) EEPROM, Fly-by topology ,On-die VREFDQ generation and calibration.</p> <p>HDD 512 GB SSD, IOPS up to 77 500 for read operations, up to 85 000 for write operations,</p> <p>MTBF: 2 000 000 hours, Memory chips: 3D NAND flash,Interfata: SATA III (6 Gb/s). Backwards compatible with SATA II and, Temperatura de operare: 0 - 70°C, Read: 550Mb/s,</p>	
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				<p>Write:490 MB/s, Random read performance (4k QD64) (max.) 2:77500, Random write performance (4K QD64) (max.) 2:85000. Carcasa-Tip carcasa: Middle Tower, Format: ATX, Sloturi expansiune: 6, Conectori: USB 2.0 x 2 Jack 3.5mm x 2, Putere sursă (W): 450 (230W for 450W Desktop PC). Panel Size: 28 inch/71.1 cm, Effective viewing area: 620.93 (H) x 341.28 (V), LCD panel type: TFT-LCD, Backlight type:W-LED system, Display Screen Coating: Anti-Glare, 3H, Haze 25%, Aspect ratio: (16:9), Optimum resolution 3840 x 2160 @ 60 Hz, Response time (typical): 5 ms, SmartResponse (typical):1 ms (Grey to Grey), Brightness:300 cd/m², Contrast ratio :(1000:1), SmartContrast: (50,000,000:1), Pixel pitch: 0.16 x 0.16 mm, Viewing angle:170° (H)/160° (V) @ C/R > 10, Picture enhancement: SmartImage, Display colours: Colour support 1.07 billion colours,</p>	
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				<p>sRGB:Yes, MHL: 1080P @ 60 Hz, Scanning Frequency: 30 - 99 kHz (H) for VGA, DVI, HDMI-MHL / 30 - 160 kHz (H) for DisplayPort, Analogue: 56 ~ 80 Hz (V) / Digital: 23 ~ 80 Hz (V), Connectivity: USB 2.0 x 2, USB 3.0 x 2 (1 w/fast charging)*,VGA Analogue), DVI-Dual Link (digital, HDCP), DisplayPort 1.2, HDMI (2.0) — MHL x 1, Sync Input: Separate Sync/Sync on Green, Audio (In/Out):PC audio-in, Headphone out.</p>		
Monitor	MONITOR PHILIPS 28 288P6LJEB/00”	China	PHILIPS	<p>Panel Size: 28 inch/71.1 cm, Effective viewing area: 620.93 (H) x 341.28 (V),LCD panel type: TFT-LCD, Backlight type: W-LED system, Display Screen Coating: Anti-Glare, 3H, Haze 25%, Aspect atio: (16:9), Optimum resolution 3840 x 2160 @ 60 Hz, Response time (typical): 5 ms, SmartResponse (typical): 1 ms (Grey to Grey), Brightness:300 cd/m², Contrast ratio :(1000:1), SmartContrast: (50,000,000:1), Pixel pitch:</p>	<p>MONITOR PHILIPS 28” gaming, TN, 4K UHD (3840 x 2160), Wide, 300 cd/mp, 1 ms, VGA, DVI, DisplayPort, „288P6LJEB/00”</p> <p>Garantie 24 luni</p>	

				0.16 x 0.16 mm, Viewing angle: 170° (H)/160° (V) @ C/R > 10, Picture enhancement: SmartImage, Display colours: Colour support 1.07 billion colours, sRGB:Yes, MHL:1080P @ 60 Hz, Scanning Frequency: 30 - 99 kHz (H) for VGA, DVI, HDMI-MHL / 30 - 160 kHz (H) for DisplayPort, Analogue: 56 ~ 80 Hz (V) / Digital: 23 ~ 80 Hz (V), Connectivity: USB 2.0 x 2, USB 3.0 x 2 (1 w/fast charging)*, VGA (Analogue), DVI-Dual Link (digital, HDCP), DisplayPort 1.2, HDMI (2.0) — MHL x 1, Sync Input: Separate Sync/Sync on Green, Audio (In/Out): PC audio-in, Headphone out.	
Suport pentru proiector	Ceiling Mount Reflecta VEXUS	China	VEXUS	Suport proiector, fixare pod, greutate până la 2,5kg Pas: 20° Girație: 30° Reglabil: 600 mm ~ 800 mm Garanție: minim 24 luni	Ceiling Mount Reflecta VEXUS Universal Silver, 575-825mm, max.load 20kg Garantie 24 luni
Codey Rocky	Makeblock Codey Rocky smart robot	China	Makeblock	Makeblock Codey Rocky smart robot for Programming.	Makeblock Codey Rocky smart robot for Programming MakeBlock Codey Rocky Educational Coding Robot Features an easy-to-use STEAM education Coding Robot

					Can be used with block-based programming software as Scratch 3.0 & Python Offers over 10 programmable electronic modules Can swirl and follow lines, go around obstacles Garantie 24 luni	
Arduino Uno R3	Starter Kit for Arduino Uno R3	China	China	Starter Kit for Arduino Uno R3 - Uno R3 Breadboard and holder Step Motor / Servo /1602 LCD / jumper Wire/ UNO R3.	Starter Kit for Arduino Uno R3 - Uno R3 Breadboard and holder Step Motor / Servo /1602 LCD / jumper Wire/ UNO R3 Garantie 24 luni	
Analog VR SHINICON + PG9090	VR Headset, Virtual Reality Headset	China	SHINECON	VR Headset, Virtual Reality Headset, VR SHINECON VR Goggles for Movies, Video, Games – 3D VR Glasses for Iphone, Android and Other Phones Within 4.7-6.2.	VR Headset, Virtual Reality Headset, VR SHINECON VR Goggles for Movies, Video, Games - 3D VR Glasses for Iphone, Android and Other Phones Within 4.7-6.2. + PG9090 Garantie 24 luni	
VR 3D	VR Glass Virtual Reality Headset w/Remote & Headphone for iPhone 11 Pro XS XR X 8 7 6 S +, Samsung Galaxy S10 E S9	China	VR Glass	VR Glass Virtual Reality Headset w/Remote & Headphone for iPhone 11 Pro XS XR X 8 7 6 S +, Samsung Galaxy S10 E S9.	VR Glass Virtual Reality Headset w/Remote & Headphone for iPhone 11 Pro XS XR X 8 7 6 S +, Samsung Galaxy S10 E S9 Garantie 24 luni	
Constructor analog LEGO	LEGO Education "WeDo 2.0 Set de Baza" Lego Education	China	LEGO	Un set este preconizat pentru 2 utilizatori, Vârsta recomandată: 7+, Tehnologia de conectare cu tableta sau PC: Bluetooth 4.0, Sisteme de operare compatibile:	LEGO Education "WeDo 2.0 Set de Baza" Lego Education, Setul de Baza WeDo 2.0, Software si Get Started Project	

				Windows 7, 8.1, RT, MacOS, iPad, Android, Chromebooks. Microprocesor: SmartHab, numarul de piese: 284 bucati, Senzori de înclinare și mișcare, Recipient mărit pentru depozitarea pieselor, tavi de sortare si etichete.	
Tabletă, 11-inch Wi-Fi	iPad Pro 11 2020	China	Apple	Tip ecran: IPS LCD, 120Hz, 600 nits (typ), Rezolutie: 1668 x 2388 pixels, rețea: Wifi, Platforma- (Sitem operare: iPadOS 13.4, Cipset: Apple A12Z Bionic, procesor: Octa-core 4x2.5 GHz, procesor grafic: Apple GPU (8-core graphics)), Memorie interna: 512GB/6GB RAM, CAMERA PRINCIPALĂ: 12 MP, f/1.8, (wide), 1/3", 1.22μm, dual pixel PDAF 10 MP, f/2.4, 11mm (ultrawide) TOF 3D LiDAR scanner (depth), Video 4K@24/30/60 fps, 1080p@ 30/60/120/240fps; gyro-EIS, Camera secundara: 7 MP, f/2.2, Face detection, HDR, panorama, Sunet: 4 stereo speakers , WLAN: Wi-Fi 802.11 a/b/g/n/ac/6, dual-band, hotspot, Bluetooth: 5.0, A2DP, LE, EDR, GPS: with A-GPS, GLONASS, GALILEO, QZSS, USB Type-C 3.1; magnetic connector, Senzori: Face ID, accelerometer, gyro, proximity, barometer, Siri	iPad Pro 11 2020 512Gb WiFi Space Grey Tip ecran: IPS LCD, 120Hz, 600 nits (typ), Rezolutie: 1668 x 2388 pixels rețea: Wifi, Platforma- (Sitem operare: iPadOS 13.4, Cipset: Apple A12Z Bionic, procesor: Octa-core 4x2.5 GHz, procesor grafic: Apple GPU (8-core graphics)), Memorie interna: 512GB/6GB RAM CAMERA PRINCIPALĂ: 12 MP, f/1.8, (wide), 1/3", 1.22μm, dual pixel PDAF 10 MP, f/2.4, 11mm (ultrawide) TOF 3D LiDAR scanner (depth), Video 4K@24/30/60 fps, 1080p@ 30/60/120/240fps; gyro-EIS, Camera secundara: 7 MP, f/2.2, Face detection, HDR, panorama, Sunet: 4 stereo speakers , WLAN: Wi-Fi 802.11 a/b/g/n/ac/6, dual-band, hotspot, Bluetooth: 5.0, A2DP, LE, EDR, GPS: with A-GPS, GLONASS, GALILEO, QZSS, USB Type-C 3.1; magnetic connector, Senzori: Face ID, accelerometer, gyro, proximity, barometer, Siri

				A-GPS, GLONASS, GALILEO, QZSS, USB Type-C 3.1; magnetic connector, Senzori: Face ID, accelerometer, gyro, proximity, barometer, Siri natural language commands and dictation, Tipul bateriei: LI-Po(28.65 Wh), Fast charging.	natural language commands and dictation, Tipul bateriei: LI-Po(28.65 Wh), Fast charging. Garantie 24 luni	
Tabletă, Aprox.10 inch, GSM	Samsung Galaxy Tab S6 Lite LTE Blue (SM-P615)	China	Samsung	Tip ecran: TFT, Rezolutie: 1200 x 2000 pixels, Tehnologii retea: GSM/LTE/ HSPA, Tip cartela: Nano-SIM, Platforma- (Sitem operare: Android10, Cipset: Exynos 9611 (10nm), procesor: Octa-core 4x2.3 GHz, procesor grafic:Mali-G72 MP3), Memorie interna: 64GB/4GB RAM, CAMERA PRINCIPALĂ: 8MP (wide), 1.12µm, 1/4.0",Video 1080p@30fps, HDR, panorama, Camera secundara: 5 MP, Sunet: stereo speakers Tuned by AKG, 3.5mm jack, WLAN: Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct, hotspot,Bluetooth:5.0, A2DP, LE, GPS: with A-GPS, GLONASS, BDS, GALILEO, USB Type-C,	Samsung Galaxy Tab S6 Lite LTE Blue (SM-P615) Tip ecran: TFT, Rezolutie: 1200 x 2000 pixels, Tehnologii retea: GSM/LTE/ HSPA, Tip cartela: Nano-SIM, Platforma- (Sitem operare: Android10, Cipset: Exynos 9611 (10nm), procesor: Octa-core 4x2.3 GHz, procesor grafic:Mali-G72 MP3), Memorie interna: 64GB/4GB RAM, CAMERA PRINCIPALĂ: 8MP (wide), 1.12µm, 1/4.0",Video 1080p@30fps, HDR, panorama, Camera secundara: 5 MP, Sunet: stereo speakers Tuned by AKG, 3.5mm jack, WLAN: Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct, hotspot,Bluetooth:5.0, A2DP, LE, GPS: with A-GPS, GLONASS, BDS, GALILEO, USB Type-C, Senzori: Accelerometer/gyro/ proximity, Tipul bateriei: LI-Po, Capacitatea bateriei mai mare de 7000mAh, Fast charging	

				Senzori: Accelerometer/gyro/proximity, Tipul bateriei: LI-Po, Capacitatea bateriei mai mare de 7000mAh, Fast charging	Garantie 24 luni	
Dronă semi-profesională	OVERMAX DRON X-BEE FOLD ONE	China	OVERMAX	"Camera: da, Movie resolution (max) 3840 x 2160px, Cadre pe secundă 25, navigare: GPS, sistem de stabilizare: Gyro System, card reader Yes, Card de memorie: microSD, standard de memorie: SDHC, Baterie încorporată, Capacitatea bateriei: 1500 mAh, Battery life 15 min, Raza de actiune: 300m, Garantie: 36luni, Rotirea într-un unghi larg de 90 de grade, Funcții speciale: (Follow me, Touch to fly, Point of interest, GEO fence function), Funcții automatizate: (automatic altitude hold function will, automatic landing function, automatic back home function), Multilevel security system".	OVERMAX DRON X-BEE FOLD ONE Camera: da, Movie resolution (max) 3840 x 2160px, Cadre pe secundă 25, navigare: GPS, sistem de stabilizare: Gyro System, card reader Yes, Card de memorie: microSD, standard de memorie: SDHC, Baterie încorporată, Capacitatea bateriei: 1500 mAh, Battery life 15 min, Raza de actiune: 300m, Garantie: 36luni, Rotirea într-un unghi larg de 90 de grade, Funcții speciale: (Follow me, Touch to fly, Point of interest, GEO fence function), Funcții automatizate: (automatic altitude hold function will, automatic landing function, automatic back home function), Multilevel security system". Garantie 24 luni	
TOTAL						

Semnat: _____ Numele, Prenumele: Constantin Alexandru
Ofertantul: Triomac SRL Adresa: Orhei, str Stefan cel Mare 3, of 16

În calitate de: director