

Specificații tehnice

Numărul procedurii de achiziție: ocds-b3wdp1-MD-1746620365044 din 07.05.2025
Obiectul achiziției: Tehnică de calcul

Denumirea bunurilor/serviciilor	Denumirea modelului bunului/serviciului	Țara de origine	Producătorul	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
Bunuri/servicii						
Lotul 4. Laptop	Laptop Dell Vostro 3530	China	Dell	Date Tehnice Tip Notebook Procesor Cache - 6M, Frecvența de bază - 3.00 GHz Frecvența Turbo Boost: 3.4 GHz Număr de nuclee Cores: 4 \ Threads: 8 Tip memorie operativă DDR4 \ DDR5 Capacitate memorie operativă 8 GB Tip unitate de stocare SSD Capacitate unitate de stocare 256 GB Perioada de garanție 36 de luni Rețea 10/100/1000 Mbit/s Rețea fără fir (Wi-Fi) IEEE 802.11a/c Camăra WEB încorporată DA - 720p Microfon încorporat DA Porturi intrare/ieșire 1 x USB 3.0, 3 x USB 2.0; RJ-45; HDMI, Line-in (stereo/microphone), Line-out	Laptop Dell Vostro 3530 Procesor: Core i3-1305U memorie operativă: 8GB DDR4 SSD: 512GB Intel UHD Graphics 802.11ac 1x1 WiFi, Bluetooth® wireless card Bluetooth® 5.3 Webcam: 720p HD Microfon încorporat DA Porturi intrare/ieșire: 1 x HDMI 1.4 1 x USB 2.0 1 x USB 3.2 Gen 1 1 x USB Type-C 3.2 Gen 1 1 x audio 1 RJ45 Ethernet port Tastatură Eng/Rus	

				(headphone/speaker) Audio încorporat Stereo Tastatură Eng/Rus Monitor Diagonala ecranului: 15,6" (39,6 cm) 16:9 Rezoluția : 1920x1080 Full HD 1080P : Da Iluminarea matricei: LED Tip acoperire: Mat Luminozitate : 250 cd/ m ² Contrast Tipic : 1000:1 Contrast dinamic : 20000000 : 1 Unghiul de observare : 178°(orizontal)/178°(vertical) Timp de răspuns : 5ms Confirmarea certificării sistemului de management al calității ISO14001, ISO 9001; Pașaportul tehnic, service manual, diagrama electronică și instrucțiunea de utilizare. autorizat de producător, prezența unui centru de service autorizat în Republica Moldova, disponibilitatea personal tehnic certificat Anul de producere 2024-2025	Diagonala ecranului: 15,6" Rezoluția : 1920x1080 Full HD 1080P : Da 120 Hz, anti-glare, non-touch, 45% NTSC, 250 nits, in-plane switching Ubuntu Garantie 36 luni Anul de producere 2024-2025	
Lotul 7. Switch - tip 1	Switch TL-SG3452	China	TP-Link	Ports • 48 RJ-45 connectors for 10BASE-T/100BASE-TX/1000BASE-T, • Auto negotiate/manual setting • Buttons Reset • Cabling type Unshielded twisted pair (UTP) Category 5e or better for 1000BASE System, Gigabit Link/Act and Speed • Performance	TP-Link TL-SG3452 • 48× 10/100/1000 Mbps RJ45 Ports (Auto-Negotiation/Auto MDI/MDIX) • 4× 100/1000 Mbps SFP Slots • 1× RJ45 Console Port • 1× Micro-USB Console Port Fanless Switching Capacity 104 Gbps Packet Forwarding Rate 77.38 Mpps MAC Address Table 16 K	

				Switching capacity 48-Gbps nonblocking • Security • 802.1X - RADIUS authentication, MD5 encryption • Port security - MAC-based filtering • Management access control Availability Link aggregation Class of service • Port based • 802.1p VLAN priority based • IPv4/v6 IP DSCP based Standards • 802.3 10BASE-T Ethernet • 802.3u 100BASE-TX Fast Ethernet • 802.3ab 1000BASE-T Gigabit Ethernet • 802.3z Gigabit Ethernet • 802.3x flow control • 802.3ad LACP • 802.1D Spanning Tree Protocol • 802.1Q/p VLAN • 802.1X port access authentication Power Internal power, 100-240V AC power cord Operating temperature 32° to 122°F (0° to 50°C) Storage temperature 32° to 158°F (0° to 70°C) Dimensions W x H x D 17.32 x 1.70 x 10.12 in. (440 x 43.2 x 257 mm)	Quality of Service • 8 priority queues • 802.1p CoS/DSCP priority • Queue scheduling: SP (Strict Priority), WRR (Weighted Round Robin), SP+WRR • Bandwidth Control: Port/Flow based Rating Limiting • Smoother Performance • Action for Flows: QoS remark (802.1P Remark, DSCP Remark) 32 IP Interfaces: Support IPv4/IPv6 Interface • Static Routing: 48 IPv4/IPv6 Static Routes • Static ARP: 128 static entries • 316 ARP Entries • Proxy ARP • Gratuitous ARP • DHCP Server • DHCP Relay: DHCP Interface Relay, DHCP VLAN Relay • DHCP L2 Relay • Link Aggregation • Spanning Tree Protocol • Loopback Detection • 802.3x Flow Control • Mirroring • Device Link Detect Protocol (DLDP) VLAN • VLAN Group: Max 4K VLAN Groups • 802.1q Tagged VLAN • MAC VLAN: 48 Entries • Protocol VLAN: Protocol Template 16, Protocol VLAN 16 • Private VLAN • GVRP • VLAN VPN (QinQ): Port-Based QinQ; Selective QinQ • Voice VLAN Securitate	
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					• IP-MAC-Port Binding - DHCP Snooping - ARP Inspection - IPv4 Source Guard • IPv6-MAC-Port Binding - DHCPv6 Snooping - ND Detection - IPv6 Source Guard • DoS Defend • Static/Dynamic Port Security - Up to 64 MAC addresses per port • Broadcast/Multicast/Unicast Storm Control - kbps/ratio/pps control mode • IP/Port/MAC based access control • 802.1X - Port based authentication - Mac based authentication - VLAN Assignment - MAB - Guest VLAN - Support Radius authentication and accountability • AAA (including TACACS+) • Port Isolation • Secure web management through HTTPS with SSLv3/TLS 1.2 • Secure Command Line Interface (CLI) management with SSHv1/SSHv2 • IPv6 Dual IPv4/IPv6 • Multicast Listener Discovery (MLD) Snooping • IPv6 ACL • IPv6 Interface • Static IPv6 Routing • IPv6 neighbor discovery (ND) • Path maximum transmission unit (MTU) discovery • Internet Control Message Protocol (ICMP) version 6 • TCPv6/UDPv6	
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					• IPv6 applications - DHCPv6 Client - Ping6 - Tracert6 - Telnet (v6) - IPv6 SNMP - IPv6 SSH - IPv6 SSL - Http/Https - IPv6 TFTP Power Supply 100-240 V AC~50/60 Hz Dimensions (W x D x H) 17.3×8.7×1.7 in (440×220×44 mm) Max Power Consumption 34.86 W (220 V/ 50 Hz) Garantie 24 luni	
Lotul 8. Switch - tip 2	Switch TL-SG3428	China	TP-Link	Ports • 24 RJ-45 connectors for 10BASE-T/100BASE-TX/1000BASE-T, including 2 combo ports with mini GBIC/SFP slots • Auto medium dependent interface (MDI) and MDI crossover (MDIX) • Auto negotiate/manual setting • Buttons Reset • Cabling type Unshielded twisted pair (UTP) Category 5e or better for 1000BASE System, Gigabit Link/Act and Speed • Performance Switching capacity 48-Gbps nonblocking • Security • 802.1X - RADIUS authentication, MD5 encryption • Port security - MAC-based filtering • Management access control Availability Link aggregation Class of service • Port based • 802.1p VLAN priority based • IPv4/v6 IP DSCP based Standards • 802.3 10BASE-T Ethernet • 802.3u 100BASE-TX Fast Ethernet • 802.3ab 1000BASE-T Gigabit Ethernet • 802.3z Gigabit Ethernet • 802.3x flow control • 802.3ad LACP • 802.1D Spanning Tree Protocol • 802.1Q/p VLAN • 802.1X port access authentication	Switch TP-LINK TL-SG3428 Interfață • Porturi RJ45 de 24 × 10/100/1000 Mbps • Sloturi 4 × Gigabit SFP • 1 × Port Consolă RJ45 • 1x Port micro-USB pentru consolă 100-240 V AC~50/60 Hz Dimensiuni (L x l x H) 440 × 180 × 44 mm Switching Capacity 56 Gbps Packet Forwarding Rate 41.66 Mpps • 8 cozi prioritare • Prioritate CoS / DSCP 802.1p • Program Queue - SP (Prioritate Strictă) - WRR (Weighted Round Robin) - SP + WRR • Controlul lățimii de bandă - Limitare de evaluare bazată pe port / debit • Performanță Neîntreruptă • Acțiuni pentru fluxuri - Oglindă (la interfața acceptată) - Redirecționare (către interfața acceptată)	

				Power Internal power, 100-240V AC power cord Operating temperature 32° to 122°F (0° to 50°C) Storage temperature 32° to 158°F (0° to 70°C) Dimensions W x H x D 17.32 x 1.70 x 10.12 in. (440 x 43.2 x 257 mm)	- Limita Ratei - Observație QoS • 32 interfețe IPv4 / 128 interfețe IPv6 (v2) • Rutare statica - 48 de rute statice • ARP static • 316 intrări ARP • Proxy ARP • ARP gratuit • Server DHCP • Releu DHCP • Releu DHCP L2 • Agregare link - Agregarea legăturilor statice - LACP 802.3ad - Până la 8 grupuri de agregare și până la 8 porturi per grup • Protocolul Spanning Tree - 802.1d STP - RSTP 802.1w - MSTP 802.1s - Securitate STP: TC Protect, Filtru BPDU, BPDU Protect, Root Protect, Loop Protect • Detectare Loopback - Bazat pe port - bazat pe VLAN • Controlul debitului - Control debit 802.3x - Prevenirea blocării HOL • Oglindire - Port Mirroring - Oglindire CPU - One-to-One - Many-to-One - Tx / Rx / Ambele • Grupul VLAN - Max grupuri VLAN 4K • 802.1q VLAN etichetat • VLAN MAC: 12 intrări • Protocol VLAN: șablon de protocol 16,	
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					protocol VLAN 16 • GVRP • VPN VLAN (QinQ) - QinQ bazat pe porturi - QinQ selectiv • VLAN vocal • Temperatura de funcționare: 0–45 °C (32–113 °F); • Temperatura de depozitare: -40-70 °C (-40–158 °F) • Funcționează la o umiditate cuprinsă între: 10-90% RH, fără condensare • A se depozita la o umiditate cuprinsă între: 5-90% RH, fără condensare Garantie 24 luni	
Lotul 9. Switch - tip 3	Switch TP-LINK "TL-SG2008"	China	TP-LINK	Ports • 8-Port RJ-45 connectors for 10BASE-T/100BASE-TX/1000BASE-T, • Auto medium dependent interface (MDI) and MDI crossover (MDIX) • Auto negotiate/manual setting • Buttons Reset • Cabling type Unshielded twisted pair (UTP) Category 5e or better for 1000BASE System, Gigabit Link/Act and Speed • Performance Switching capacity 16-Gbps nonblocking • Security • 802.1X - RADIUS authentication, MD5 encryption • Port security - MAC-based filtering • Management access control Availability Link aggregation Class of service • Port based • 802.1p VLAN priority based • IPv4/v6 IP DSCP based Standards • 802.3 10BASE-T Ethernet • 802.3u 100BASE-TX Fast Ethernet • 802.3ab 1000BASE-T Gigabit Ethernet • 802.3z Gigabit Ethernet • 802.3x flow control • 802.3ad LACP • 802.1D Spanning Tree Protocol • 802.1Q/p VLAN • 802.1X port access authentication	Switch TP-LINK "TL-SG2008" 10/100/1000Mbps RJ45 Port Power Supply 100-240VAC, 50/60Hz Dimensions (W x D x H) 209 x 126 x 26 mm Operating Temperature: 0°C~40°C(32°F~104°F); Storage Temperature: -40°C~70°C(-40°F~158°F); Operating Humidity: 10%~90% non-condensing; Storage Humidity: 5%~90% non-condensing Switch Capacity 16Gbps Forwarding Rate 11.9Mpps Link Aggregation – Support 802.3ad LACP – Support static link aggregation – Up to 6 aggregation groups, containing 4 ports per group Spanning Tree Protocol(STP) – IEEE 802.1D Spanning Tree Protocol – IEEE 802.1W Rapid Spanning Tree Protocol – IEEE 802.1S Multiple Spanning Tree Protocol – STP Security: Loop back detection, TC Protect, BPDU Filter/Protect, Root Protect	

					VLAN – Support IEEE802.1Q with 512 VLANs simultaneously (out of 4K VLANs) Support 802.1p CoS/DSCP priority Support 4 priority queues Queue scheduling: SP, WRR, SP+WRR Port/Flow- based Rate Limiting Voice VLAN assure voice applications much smoother Performance Ethernet Protocols IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX/FX IEEE 802.3ab 1000BASE-T IEEE 802.3z 1000BASE-X IEEE 802.3x Flow control IEEE 802.1p QoS IEEE 802.1q VLANs / VLAN tagging IEEE 802.1D Spanning Tree Protocol (STP) IEEE 802.1W Rapid Spanning Tree (RSTP) IEEE 802.1S Multiple Spanning Tree (MSTP) Garantie 24 luni	
Lotul 12. SSD - 2.5 sata	SSD ADATA, Ultimate SU630	China	ADATA	Date Tehnice Formatul: 2.5 Sata 3.0 Memorie: 240 Gb Viteza de inscriere si citire 450 mb/s Compatibilitate aparate Cu PC sata	SSD ADATA, Ultimate SU630 , 240 GB, 2.5 inch, S-ATA 3, 3D Nand, R/W: 520/450 MB/s, „ASU630SS-240GQ-R” Garantie 24 luni	
Lotul 13. HDD - 3.5 sata	3.5" HDD 2.0TB Toshiba P300	China	Toshiba	Date Tehnice Formatul: 3.5 Sata 3.0 Memorie: 2000 Gb 7200rpm, 32Mb Compatibilitate aparate Cu PC sata	3.5" HDD 2.0TB Toshiba P300 , 7200rpm, 256MB, NCQ-technology, SATAIII HDWD320UZSVA Garantie 24 luni	
Lotul 14. Kit Tastatură + Mouse	Logitech Combo Keyboard & Mouse MK120	China	Logitech	Date Tehnice Mouse , Tastatură de PC Conexiune tastatură mouse cu fir USB Tipul tastelor membrană Rezoluție mouse-ului 1000 dpi senzorului mouse-ului optic	Logitech Combo Keyboard & Mouse MK120 , Corded Desktop, Russian layout, Black Rezoluție mouse-ului 1000 dpi Garantie 24 luni	

Semnat: _____
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