

TEHNIČKA SREDSTVA - GRUPA 3

Br.	Naziv artikla / specifikacija	Količina/ komada	Jedinična cijena	Ukupna cijena
1.	Switch 1		4	
	Manufacturer Part Number	WS-C2960G-8TC-L		
	Product Type	Switch - 8ports - Managed		
	Specifications			
	Type	Fixed		
	Topology	Ethernet (10/100/1000BaseT) Gigabit Ethernet (SFP)		
	Maximum Port density	7 10/100/1000 ports		
	Uplinks	1 dual-purpose (10/100/1000 or SFP) ports		
	Modular/Expansion Slots	n/a		
	Architecture	Layer 2 Switching (basic connectivity), Layer 2 Switching (intelligent services), Voice Enabled		
	Form Factor	Fixed, Rack Mountable, Standalone/Clustering		
	Dimensions	1.73 x 10.6 x 8.1 in.		
	DRAM	64 MB		
	Features			
	Specialized Service Modules	n/a		
	Security			
	DHCP Snooping	Yes		
	802.1x	Yes		
	Port Security	Yes		
	Dynamic VLANs	Yes		
	Private VLAN Edge	Yes		
	Secure Shell	Yes		
	SNMPv3	Yes		
	ACLs (L2-L4)	Yes		
	Kerberos	Yes		
	TACACS+	Yes		
	RADIUS	Yes		
	High Availability/Resiliency			
	Hardware Redundancy	n/a		
	High Availability/Resiliency	PVST, Broadcast Suppression, Unicast Suppression, Multicast Suppression, Spanning Tree, Portfast, Uplink Fast, Backbone Fast, 802.1s, 802.1w		
	Management			
	Management features	SPAN, RSPAN, CiscoView, Cisco Discover Protocol (CDP), Virtual Trunking Protocol (VTP), Telnet Client, BOOTP, TFTP, CiscoWorks, CWSI, RMON, SNMP, Clustering, Web-Based Management		
	Scalability			
	WAN Interface Support	n/a		
	Throughput	11.9 Mpps		
	Backplane Capacity	32 Gbps		
	Number of VLANs	255		
	QoS/VoiceMulticast/Multimedia			
	Voice Services	Yes		
	IPv6 Support	Yes		
	QoS - Policing	Yes		
	QoS - Scheduling	Yes		

802.1p	Yes
802.1Q	Yes
DSCP	Yes
L2 -L4 QOS ACLs	Yes
IGMP	Yes
IGMP Snooping	Yes
QOS - Multiqueues	Yes
QOS - Marking Classification	Yes
Layer 2	Yes
Layer 3	Yes
Layer 4	Yes

Br.	Naziv artikla / specifikacija	Količina/ komada	Jedinična cijena	Ukupna cijena
2.	Switch 2	2		
	Manufacturer Part Number	WS-C3560X-24T-L		
	Product Type	Switch - 24 ports - Managed		
	Form Factor	Rack mountable - 1U		
	Switch Ports	24 x 10/100/1000 Ethernet Ports Ethernet Ports		
	Remote Management Protocol	SNMP 1, SNMP 2, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, FTP, TFTP, SSH		
	Authentication Method	Kerberos, Secure Shell (SSH), RADIUS, TACACS+		
	Features	Hot swap module replacement, Layer 2 switching, dynamic IP address assignment , DHCP support, auto-negotiation, ARP support, trunking, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, Syslog support, traffic shaping, Broadcast Storm Control, High Availability, Multicast Storm Control, Unicast Storm Control, Rapid Spanning Tree Protocol (RSTP) support, DHCP snooping, Dynamic Trunking Protocol (DTP) support, Port Aggregation Protocol (PAgP) support, Access Control List (ACL) support, Quality of Service (QoS), Jumbo Frames support, MLD snooping, Dynamic ARP Inspection (DAI), Per-VLAN Spanning Tree Plus (PVST+)		
	Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s		
	DRAM Memory	256 MB		
	Flash Memory	128 MB Flash		
	Status Indicators	Port status, link activity, port transmission speed, port duplex mode, power, system		
	Connectivity Slots			
	Interfaces	24 x 10Base-T/100Base-TX/1000Base-T - RJ-45		
		USB : 1 x 4 PIN USB Type A		
		USB : 1 x mini-USB Type B		
		1 x RS-232 - RJ-45 - management		
		1 x 10Base-T/100Base-TX - RJ-45 - management		
	Expansion Slot(s)	1 (total) / 1 (free) x Expansion Slot		
	Power Supply			
	Power Device	Power supply - redundant - plug-in module		
	Installed Qty	2		
	Power Redundancy	Yes		
	Power Redundancy Scheme	1+1		

Voltage Required	AC 120/230 V (50/60 Hz)
Features	Redundant Power System (RPS) connector
Dimensions / Weight / Miscellaneous	
Width	44.5 cm
Depth	46 cm
Height	4.5 cm
Weight	7 kg
Rack Mounting Kit	Optional
MTBF	208,218 hour(s)
Compliant Standards	CE, TUV GS, CISPR 22 Class A, GOST, cUL, NOM, VCCI Class A ITE, EN55022 Class A, CB, AS/NZS 60950-1, AS/NZ 3548 Class A, CCC, RoHS, UL 60950-1, IEC 60950-1, EN 60950-1, KCC, FCC Part 15 A, CSA C22.2 No. 60950-1
System Software	
Software Included	Cisco IOS LAN Base

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3.	Switch 3	2		
	Manufacturer Part Number	WS-C2960G-48TC-L		
	Product Type	Switch - 48 ports - Managed		
	Specifications			
	Type	Fixed		
	Topology	Ethernet (10/100/1000BaseT) Gigabit Ethernet (SFP)		
	Maximum Port density	44 10/100/1000 ports		
	Uplinks	4 dual-purpose (10/100/1000 or SFP) ports		
	Modular/Expansion Slots	n/a		
	Architecture	Layer 2 Switching (basic connectivity), Layer 2 Switching (intelligent services), Voice Enabled		
	Form Factor	Fixed, Rack Mountable, Standalone/Clustering		
	Dimensions	1.73 x 17.5 x 12.9 in.		
	DRAM	64 MB		
	Features			
	Specialized Service Modules	n/a		
	Security			
	DHCP Snooping	Yes		
	Dynamic ARP Inspection			
	IP Source Guard			
	RP Rate Limiters			
	TCP Intercept			
	802.1x	Yes		
	Port Security	Yes		
	Dynamic VLANs	Yes		
	Private VLANs			
	Private VLAN Edge	Yes		
	Secure Shell	Yes		
	SNMPv3	Yes		
	Unicast RPF			
	ACLs (L2-L4)	Yes		
	Kerberos	Yes		
	TACACS+	Yes		
	RADIUS	Yes		

High Availability/Resiliency	
Hardware Redundancy	External Redundant Power Supply
High Availability/Resiliency	PVST, Broadcast Suppression, Unicast Suppression, Multicast Suppression, Spanning Tree, Portfast, Uplink Fast, Backbone Fast, 802.1s, 802.1w
Management	
Management features	SPAN, RSPAN, CiscoView, Cisco Discover Protocol (CDP), Virtual Trunking Protocol (VTP), Telnet Client, BOOTP, TFTP, CiscoWorks, CWSI, RMON, SNMP, Clustering, Web-Based Management
Scalability	
WAN Interface Support	n/a
Throughput	39 Mpps
Backplane Capacity	32 Gbps
Number of VLANs	255

Br.	Naziv artikla / specifikacija	Količina/ komada	Jedinična cijena	Ukupna cijena
4.	Switch 4	2		
	Manufacturer Part Number	WS-C2960G-24TC-L		
	Product Type	Switch - 24 ports - Managed		
	Specifications			
	Type	Fixed		
	Topology	Ethernet (10/100/1000BaseT) Gigabit Ethernet (SFP)		
	Maximum Port density	20 10/100/1000 ports		
	Uplinks	4 dual-purpose (10/100/1000 or SFP) ports		
	Modular/Expansion Slots	n/a		
	Architecture	Layer 2 Switching (basic connectivity), Layer 2 Switching (intelligent services), Voice Enabled		
	Form Factor	Fixed, Rack Mountable, Standalone/Clustering		
	Dimensions	1.73 x 17.5 x 12.9 in.		
	DRAM	64 MB		
	Features			
	Specialized Service Modules	n/a		
	Security			
	DHCP Snooping	Yes		
	Dynamic ARP Inspection			
	IP Source Guard			
	RP Rate Limiters			
	TCP Intercept			
	802.1x	Yes		
	Port Security	Yes		
	Dynamic VLANs	Yes		
	Private VLANs			
	Private VLAN Edge	Yes		
	Secure Shell			
	SNMPv3	Yes		
	Unicast RPF			
	ACLs (L2-L4)	Yes		
	Kerberos	Yes		
	TACACS+	Yes		
	RADIUS	Yes		
	High Availability/Resiliency			

Hardware Redundancy	Yes
High Availability/Resiliency	PVST, Broadcast Suppression, Unicast Suppression, Multicast Suppression, Spanning Tree, Portfast, Uplink Fast, Backbone Fast, 802.1s, 802.1w
Management	
Management features	SPAN, RSPAN, CiscoView, Cisco Discover Protocol (CDP), Virtual Trunking Protocol (VTP), Telnet Client, BOOTP, TFTP, CiscoWorks, CWSI, RMON, SNMP, Clustering, Web-Based Management
Scalability	
WAN Interface Support	n/a
Throughput	35.7 Mpps
Backplane Capacity	32 Gbps
Number of VLANs	255

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5.	Switch 5	15		
	8 10/100/1000 Mbps Gigabit ports on Cat. 5			
	16Gbps switching fabric			
	Auto MDI/MDIX cross over for all ports			
	Secure store-and-forward switching scheme			
	Full/half-duplex for Ethernet/Fast Ethernet speeds			
	Blazing 2000Mbps full duplex for Gigabit speed			
	IEEE 802.3x Flow Control			
	Plug-and-play installation			
	Easily installable on desktop			

Ukupno tehnička sredstva - Grupa 3 (bez PDV-a)	
[slovima: _____]	

CIJENA PONUDE - Grupa 3 (bez PDV-a):

Slovima: _____

Popust

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CIJENA PONUDE - Grupa 3 (bez PDV-a s popustom):

Slovima: _____

Iznos PDV-a:

UKUPNA CIJENA PONUDE - Grupa 3 (s popustom i PDV-om):

Slovima: _____

OPĆI PODACI O PONUDITELJU / IMA:

Naziv: _____

Sjedište: _____

MB: _____

OIB: _____

Tel: _____

Fax: _____

Mob: _____

Odgovorna / e osoba: _____

Osoba / e za kontakte i tel: _____

Mjesto i datum: _____

Potpis / i štambilj / i ponuditelja: _____