

***Troškovnik -tehnička specifikacija
Informatička oprema***

1. Tehnička sredstva

Br.	Naziv artikla / specifikacija	Količina/ komada	Jedinična cijena	Ukupna cijena
1.	Prijenosno računalo 1	8		
	Procesor:	Intel Core i7-2670QM 2,2 / 3,1 Turbo GHz, 2nd level cache :6 MB		
	Chipset:	Mobile Intel® QM67 Express Chipset		
	Ekran:	17.3" LED-backlit FHD WVA anti-glare (1920 x 1080), HD webcam		
	Memorija:	4 + 4 GB 1333 MHz DDR3 SDRAM, max 32 GB		
	Hard disk:	500 GB 7200 rpm SATA II		
	Optički uređaj:	DVD+/-RW SuperMulti DL		
	Grafika:	AMD FirePro M5950 with 1 GB dedicated GDDR5 video memory		
	Zvuk:	SRS Premium Sound; Integrated stereo speakers; Dual-microphone array; Button for volume mute; function keys for volume up and down; Stereo headphone/line out; Stereo microphone/line in		
	Mreža:	Integrated Intel 82579LM Gigabit Network Connection (10/100/1000 NIC)		
	Modem:	da		
	Bežična mreža:	Intel Centrino 802.11a/b/g/n HP Integrated Module with Bluetooth 2.1+EDR Wireless Technology		
	Portovi:	2 USB 3.0		
		1 USB 2.0		
		1 USB 2.0 charging		
		1 eSATA/USB combo		
		1 external VGA monitor		
		1 DisplayPort		
		1 1394a		
		1 stereo microphone in		
		1 stereo headphone/line-out		
		1 AC power		
		1 RJ-11		
		1 RJ-45		
		1 docking connector		
		1 secondary battery connector		
		1 x Express Card/54		
		1 x Smart Card Reader		
	1 SD/MMC			
	Ostalo:	HP Fingerprint Sensor		
		HD webcam		
		Full-sized spill-resistant keyboard with separate numeric keypad and drain		
		Touchpad with on/off button, two-way scroll, gestures, three pick buttons; Pointstick with three additional pointstick buttons		
	Wireless Desktop MK710 (keyboard + mouse) with			

	unified receiver
Baterija:	HP Long Life 8-cell (75 WHr) Li-Ion battery
Dimenzije:	41.65 x 27.27 x 3.74 cm
Težina:	3.47 kg
Operativni:	Windows® 7 Professional 64
Torba:	da
Docking station	Expansion slots: SATA upgrade bay
	Ports: 6 USB 2.0 ports (5 Always-On, 1 powered); 1 eSATA adapter; 1 Line-in jack; 1 Audio-out (headphone) jack; 2 DisplayPort; 1 VGA; 2 DVI-D; AC adapter connector with light; 1 Mouse connector; 1 Keyboard connector; 1 Parallel port; 1 Serial port; 1 Monitor stand port; 1 RJ-45 (network) jack
	Power requirements: Rated Voltage: 100 to 240 V; Rated Current: 2.5A rms; Line Frequency: 50 - 60 Hz
	Product dimensions (W x D x H): 2.60 x 10.65 x 10.24 in
	Security management: Supports the HP Docking Station Cable Lock, which gives you two security options: lock the docking station only (which also prevents access to the Advanced Docking Station drive bay); or lock both the docking station and your notebook for additional security. Also supports an industry standard notebook lock.
	Weight (Metric): 1.637 kg
Jamstvo:	36 mjeseci

Br.	Naziv artikla / specifikacija	Količina/ komada	Jedinična cijena	Ukupna cijena
2.	Prijenosno računalo 2	2		
	Procesor:	Intel® Core™ i5-2430M 2.4 / 3.0 Turbo GHz, 3 MB Level 3 Cache		
	Chipset:	Mobile Intel® HM65 Express		
	Ekran:	17.3" LED-backlit HD+ anti-glare 1600 x 900, 720p HD webcam		
	Memorija:	6 GB 1333 MHz DDR3 SDRAM, max 8 GB DDR3		
	Hard disk:	750 GB 5400 rpm SATA II		
	Optički uređaj:	DVD+/-RW SuperMulti DL		
	Grafika:	AMD Radeon HD 6490M with 1 GB dedicated GDDR5 video memory		
	Zvuk:	SRS Premium Sound, Integrated stereo speakers, Stereo headphone/line out, Stereo microphone in, Integrated microphone (dual-microphone array with optional webcam)		
	Mreža:	Realtek Ethernet (10/100/1000 NIC)		
	Bežična mreža:	Atheros 802.11b/g/n WiFi		
		Bluetooth 3.0 HS Combo		
	Portovi:	4 x USB 2.0		
		1 x stereo headphone/line out		
		1 x stereo microphone in		
		1 x LAN RJ-45		
		1 x VGA (15-pin mini D-Sub)		

	1 x HDMI
Baterija:	8-cell (73 WHr) Lithium-Ion Battery do max. 6h
Dimenzije:	41.4 x 27.9 x 2.9 cm
Težina:	od 2,92 kg
Operativni:	Windows® 7 Professional 64bit
Jamstvo:	36 mjeseci
Ostalo	ExpressCard/34 slot
	Media Card Reader
	Spill-resistant keyboard with separate numeric keypad and drains
	Touchpad with scroll zone and gestures support
	720p HD webcam
	Torba HP Basic Messenger Case

Br.	Naziv artikla / specifikacija	Količina/	Jedinična	Ukupna cijena
		komada	cijena	
3.	*Poslužitelj tip 1 :	2		
	Procesor:	min. 2 x Intel® Xeon® E5-2690 2.90GHz, 20M Cache, 8.0GT/s QPI, Turbo, 8C, 135W, DDR3-1600MHz		
	Chipset:	Intel C600 chipset		
	Memorija:	min. 8 x 16GB RDIMM, 1600 MHz, Standard Volt, Dual Rank, x4 (24 DIMM utora, proširivo do 768GB)		
	RAID kontroler:	min. SAS/SATA/SSD 6.0Gb/s RAID kontroler sa 1GB NV Cache (RAID 0, 1, 5, 6, 10, 50 i 60) ili bolji		
	Tvrđi diskovi:	min. 16 x 300GB, SAS 6Gbps, 2.5-in, 15K RPM (Hot-Plug) tvrđi diskovi		
	DVD±RW:	16x DVD±RW SATA pogon		
	Grafika:	Integrirana grafika sa 16MB dijeljene memorije		
	Mreža:	min. Intel Ethernet i350 QP 1Gb mrežna kartica ili bolja		
	Upravljanje:	min. Enterprise klase Server kontroler za udaljeni nadzor i upravljanje sa Lifecycle kontrolerom, ili bolji		
	I/O slotovi:	1x PCI Express 3.0 slot x16, pune visine i dužine		
		3x PCI Express 3.0 slot x8, pune visine i dužine		
		3x PCI Express 3.0 slot x8, pola visine i dužine		
	I/O portovi:	sprijeda: 2x USB 2.0, 1x VGA		
		straga: 2x USB 2.0, 1x serijski, 1x VGA, 4x RJ45		
		interno: 1x USB 2.0		
	Napajanje:	2 x 1100W (220V/50Hz) Hot-Plug redundantno napajanje		
	Hlađenje:	6 x Hot-Plug dvo-rotorni redundantni ventilatori		
	Kućiče:	2U rack, tool-less, s pripadajućim vodilicama za montažu u rack ormar i rukom za vođenje kabela		
	Ostalo:	USB tipkovnica (HR raspored) i miš		
	Jamstvo:	min. 36 mjeseci		

Br.	Naziv artikla / specifikacija	Količina/	Jedinična	Ukupna cijena
		komada	cijena	
4.	*Sustav za pohranu podataka:	2		
	Tvrđi diskovi	min. 24 x 600GB SAS 6Gbps 10k 2.5"		
	Kontroler za upravljanje RAID poljem	PCI-E 2.0 Host-RAID adapter sa dva eksterna x4 SAS utora sa mogućnostima proširenja do 8 uređaja, 4 po priključku ili bolji		
	Podržana RAID razina	0, 1, 5, 6, 10, 50, 60		
	Priključci sa stražnje strane	1 SAS ulazni priključak za spajanje na "domaćina"		
		1 SAS izlazni priključak za spajanje dodatnog uređaja		
	LED indikatori	S prednje strane:		
		1 dvobojni LED indikator za stanje sistema		
		2 jednobojna LED indikatora za prikaz stanja napajanja i podijeljenog moda		
		Ladica za disk:		
		1 jednobojan LED za aktivnost		
		1 dvobojni LED indikator stanja po disku		
		Modul za upravljanje:		
		3 dvobojni LED indikatora statusa		
		1 jednobojan LED za identifikaciju za svaki modul		
		Napajanje/modul ventilatora		
	3 LED indikatora stanja			
	Kućište	Rackmount kućište za ugradnju u četvrtast ormar		
	Vodilice za ugradnju u rack ormar	Vodilice za ugradnju u četvrtasti ormar		
	Dimenzije	max. 9cm x 48.2cm x 55cm - V x Š x D		
	Težina	max. 23.31kg popunjen, max. 8.61kg prazan uređaj		
	Temperatura	Radna: 10°-35°C, max. temp.razl. od 10°C pa satu		
		Skladišna: -40°-65°C, max. temp. razl. od 20° po satu		
	Napajanje	Redundantno napajanje, min.2 x 600W sa kablovima		
	Napon napajanja	100-240 VAC		
	Frekvencija napajanja	50/60 Hz		
	Struja napajanja	8.6 A na 100V, 4.3 A na 240V		
	Jamstvo	min. 36 mjeseci		

*Nije moguće nuđenje opreme po proizvodima nego samo kao cjelina zbog funkcionalnosti sustava.

Br.	Naziv artikla / specifikacija		Količina/	Jedinična	Ukupna cijena
			komada	cijena	
5.	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/	Jedinična	Ukupna cijena
			komada	cijena	
6.	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

Br.	Naziv artikla / specifikacija	Količina/	Jedinična	Ukupna cijena
		komada	cijena	
7.	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/	Jedinična	Ukupna cijena
		komada	cijena	
8.	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

Br.	Naziv artikla / specifikacija	Količina/	Jedinična	Ukupna cijena
		komada	cijena	
9.	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			

Br.	Naziv artikla / specifikacija	Količina/	Jedinična	Ukupna cijena
		komada	cijena	
10.	Mrežni disk	1		
	Hardware Specifications			
	CPU Frequency : Dual Core 2.13GHz			
	Floating Point			
	Memory : DDR3 1GB			
	Internal HDD/SSD : 3.5" or 2.5" SATA(II) X4 (Hard drive not included)			
	Max Internal Capacity : 16TB (4 X 4TB HDD) (Capacity may vary by RAID types) (See All Supported HDD)			
	Hot Swappable HDD			
	External HDD Interface : USB 3.0 Port X 2, USB 2.0 Port X 1, eSATA Port X 1			
	Size (HxWxD) : 165 X 203 X 233.2 mm			
	Weight : 2.03Kg			
	LAN : Gigabit X 2			
	Link Aggregation			
	Wake on LAN/WAN			
	System Fan : 92x92mm X2			
	Wireless Support (dongle)			
	Noise Level : 19.3 dB(A)			
	Power Recovery			
	AC Input Power Voltage : 100V to 240V AC			
	Power Frequency : 50/60 Hz, Single Phase			
	Power Consumption : 44W (Access); 15W (HDD Hibernation);			
	Operating Temperature : 5°C to 35°C (40°F to 95°F)			
	Storage Temperature : -10°C to 70°C (15°F to 155°F)			
	Relative Humidity : 5% to 95% RH			
	Maximum Operating Altitude : 6,500 feet			
	Certification : FCC Class B, CE Class B, BSMI			

	Class B
	Warranty : 2 Years
Applications	Virtual Drive
	Remote Folder
	Max Shared Folder Sync Tasks : 8
	Configuration Backup
Networking Protocols	CIFS
	AFP
	NFS
	FTP
	WebDAV
	CalDAV
	iSCSI
	Telnet
	SSH
	SNMP
	VPN (PPTP, OpenVPN)
File System	EXT4
	EXT3 (External Disk Only)
	FAT (External Disk Only)
	NTFS (External Disk Only)
Storage Management	Max File System Size : 108TB
	Max Internal Volume # : 512
	Max iSCSI Target # : 32
	Max iSCSI LUN # : 256
	Supported RAID Type : Synology Hybrid RAID, Basic, JBOD, RAID 0, RAID 1, RAID 5, RAID 5+Spare, RAID 6, RAID 10
	RAID Migration : Basic to RAID 1, Basic to RAID 5, Basic to RAID 5+Spare, RAID 1 to RAID 5, RAID 1 to RAID 5+Spare, RAID 5 to RAID 5+Spare, RAID 5 to RAID 6
	Volume Expansion with Larger HDDs : Synology Hybrid RAID, RAID 1, RAID 5, RAID 5+Spare, RAID 6
	Volume Expansion by Adding a HDD : RAID 5, RAID 5+Spare, RAID 6
File Sharing Capability	Max User Accounts : 2048
	Max Groups : 256
	Max Shared Folder : 256
	Max Concurrent CIFS/AFP/FTP Connections : 512
Windows Access Control List (ACL)	
Windows AD Domain	Domain Users login via Samba/AFP/FTP/File

Integration	Station
	Virtualization
	VMware vSphere 5
	VMware vSphere 4
	Windows Server 2008
	Windows Server 2012
	Citrix Ready
Security	FTP over SSL/TLS
	IP Auto-Block
	Firewall
	Encrypted Network Backup over Rsync
	HTTPS Connection
Management	Auto DSM Upgrade
	Administrator Group
	Push Notification – MSN/Skype/Mobile Devices
	Email/SMS Notification
	Customized User Quota
	Syslog Support
	DDNS Support
	IPv6 Support
	VLAN Support
	PPPoE
	Hotspot
	Resource Monitor
	Connection Manager
	UPS Management
	Scheduled Power On/Off
	Custom Management UI HTTP/HTTPS Ports
HDD Management	HDD Hibernation
	S.M.A.R.T.
	Dynamic Bad Sector Mapping
Utilities	Synology Assistant
	Synology Data Replicator
Supported Clients	Windows XP onward
	Mac OS X 10.5 onward
	Ubuntu 9.04 onward
Supported Browsers	Chrome
	Firefox
	Internet Explorer : 8, 9
	Safari (MAC) : 5

Language	English, Deutsch, Français, Italiano, Español, Dansk, Norsk, Svenska, Nederlands, Русский, Polski, Magyar, Português do Brasil, Português Europeu, Türkçe, Český
Environment and Packaging	Environment
	RoHS Compliant
	Package Content
	Main Unit X 1
	Installation Disc X 1
	Welcome Note X 1
	Assembling Kit X 1
	AC Power Adapter X 1
	AC Power Cord X 1
	RJ-45 LAN Cable X 2

Br.	Naziv artikla / specifikacija	Količina/	Jedinična	Ukupna cijena
		komada	cijena	
11.	Skener	1		
	Scan type	Flatbed, ADF		
	Optical scanning resolution	Up to 2400 dpi		
	Bit depth	48-bit		
	Gray scale levels	65536		
	Multi feed detection	Yes, length		
	Auto document feeder capacity	Standard, 50 sheets (75 g/m2)		
	Scan speed ADF (A4)	Up to 15 ppm/6 ipm (using HP Scanning Software)		
	Transparency adapter	Built-in Transparent Materials Adapter (TMA); two 35 mm slides or three 35 mm negative frames		
	Scan speed	A4 document to PDF file (200 dpi, colour, image only pdf): about 50 sec; A4 document to searchable PDF file (300 dpi, colour, searchable text pdf): about 30 sec; A4 document to e-mail (300 dpi, colour, editable text pdf e-mail attachment): about 42 sec; 10 x 15 cm (4 x 6 in) picture to file (200 dpi, 24-bit colour, jpg): about 32 sec		
	Scan size flatbed (maximum)	216 x 292 mm		
	Scan size ADF (maximum)	216 x 356 mm		
	Scan size flatbed (minimum)	Flatbed, no minimum		
	Media types supported	Paper (plain, inkjet, photo), envelopes, cards (index, greeting), 3-D objects		
	Media weight (ADF)	50 to 120 g/m2		
	Scan file format	PDF, searchable PDF, JPG, BMP, TIFF, compressed TIFF, TXT, HTML, RTF, FPX, PNG, PCX, GIF		
	Control panel	5 front-panel buttons (Cancel, Copy, Power, Scan, Setup), navigation and selection buttons (Up arrow, Down arrow, Back, OK), 10 key number pad for PIN entry		
	Operating temperature range	10 to 35o C		
	Operating humidity range	15 to 80% RH (non-condensing)		

Non-operating humidity	0 to 90% RH (non-condensing)
Connectivity	Ethernet, Hi-Speed USB 2.0
Optional connectivity	None
Minimum system requirements	For all systems: USB 1.1 or higher, CD-ROM drive, 800 x 600 SVGA monitor, 16-bit colour, 60 MB (EMC ISIS/TWAIN drivers only), 450 MB free hard disk space (additional 500 MB and USB 2.0, recommended for extensive ADF use); for Microsoft® Windows® XP Home and XP Professional: computer with at least a 1.3 GHz processor and 512 MB RAM; for Windows Vista®: computer with at least 1.3 GHz processor and 1 GB RAM; for Microsoft® Windows® 2000: computer with at least a 800 MHz processor and 256 MB RAM
Twain version	Version 1.9
Photo and Smart Features	Transparency adapter
Built-in Transparent Materials Adapter (TMA); two 35 mm slides or three 35 mm negative frames	
Auto document feeder capacity	Standard, 50 sheets (75 g/m2)
Software included	For Windows: HP Scan software; EMC ISIS/TWAIN drivers; ScanSoft PaperPort*; I.R.I.S. Readiris Pro OCR*; NewSoft Presto! BizCard*; *Note: product ships with 3 licenses of all Third Party Software. To purchase additional licenses, go to: http://www.nuance.com/paperportoffer/hp ; http://www.irislink.com/HP-users/uk ; http://uk.newsoft.eu.com/licensing/HP
Compatible operating systems	Windows Vista®, x64; Microsoft® Windows® XP Home, XP Professional, XP Professional x64, 2000
Mac compatible	Yes
Power consumption	60 watts maximum
ENERGY STAR® qualified	Yes
Product dimensions (W x D x H)	502 x 415 x 168 mm
Product weight	6.7 kg
Standard one-year limited hardware warranty.	

Br.	Naziv artikla / specifikacija	Količina/	Jedinična	Ukupna cijena
		komada	cijena	
12.	Pisač	1		
	Print speed black (draft, letter)	Up to 22 ppm		
	Print speed color (draft, letter)	Up to 18 ppm		
	Ink cartridges	2 (1 each black, cyan/magenta/yellow)		
	Compatible cartridges	HP 98 Black Inkjet Print Cartridge (~440 pages), HP 95 Tri-color Inkjet Print Cartridge (~330 pages), HP 94 Black Inkjet Print Cartridge (~500 pages), HP 97 Tri-color Inkjet Print Cartridge (~600 pages), HP 99 Photo Inkjet Print Cartridge (~130 pages), HP 100 Gray Inkjet Print Cartridge (~80 pages). [Average based on ISO/IEC 24711 or HP testing methodology and continuous printing. Actual yield varies considerably based on content of printed pages and other factors. Some ink from included cartridge is used to start up the printer		
	Processor speed	192 MHz		
	Memory, standard	32 MB		
	Print languages, standard	HP PCL 3 enhanced		
	Input capacity, standard	Up to 50 sheets		
	Duplex printing (printing on both sides of paper)	Manual (driver support provided)		
	Borderless Printing	Yes (up to 4 x 6 in)		
	Media sizes, standard	Letter, legal, statement, executive, envelopes (No. 10, Monarch), cards (3 x 5 in, 4 x 6 in, 5 x 8 in), photo (5 x 7 in, 4 x 6 in)		
	Media sizes, custom	3 x 4 to 8.5 x 14 in		
	Media types	Paper (inkjet, photo, plain), cards (greeting, index), envelopes, labels, transparencies		
	Connectivity, standard	1 USB (2.0), 1 USB (1.0), 1 PictBridge, 2 Memory card slots, 1 Bluetooth		
	What's included	Mobile Printer, 98 Black Print Cartridge (~440 pages), 95 Tri-Color Print Cartridge (~330 pages), Starter CD with printer drivers, User documentation, AC adapter, power cord, HP Lithium-ion battery, bt500 Wireless Printer Adapter with Bluetooth Technology, HP Mobile Printer Sleeve, USB cable.		
	Warranty	One-year limited hardware warranty backed by HP Customer Care, service and support; one-year technical phone support		

UKUPNO TEHNIČKA SREDSTVA (bez PDV-a):	
[slovima: _____]	

2. Informatičke komponente

Br.	Naziv artikla / specifikacija	Količina	Jedinična cijena	Ukupna cijena
Informatičke komponente				
1.	<p>Tipkovnica</p> <p>Interface: USB</p> <p>Additional keys: E-mail , Volume , Calculator , Multimedia , Internet browsing</p> <p>Colour: black</p> <p>Dimensions: (LxWxH) 21.75x8x2 "</p> <p>Waranty: 36 months</p>	30		
2.	<p>Memorija 1</p> <p>Kapacitet: 4 GB, Tip: DDR 3, Frekvencija: 1600 MHz</p> <p>Jamstvo 60 mjeseci</p> <p>Tested Voltage 1.5</p> <p>SPD Voltage 1.5</p> <p>Speed Rating PC3-12800 (1600MHz)</p> <p>SPD Speed 1333Mhz</p> <p>Tested Speed 1600Mhz</p> <p>Tested Latency 9-9-9-24</p> <p>SPD Latency 9-9-9-24</p> <p>Heat Spreader Vengeance</p> <p>CMZ4GX3M1A160C9B Vengeance Blue</p>	20		
3.	<p>Miš</p> <p>Interfaces: 1 x USB - 4 pin USB Type A 1 x mouse - generic - 6 pin mini-DIN (PS/2 style)</p> <p>Color: Black</p> <p>Orientation: Right and left-handed</p> <p>Buttons Qty: 3</p> <p>Connectivity Technology: Wired</p> <p>Features: Tilt Wheel Plus Zoom, scrolling wheel (4-way)</p> <p>Interface: USB</p> <p>Movement Detection Technology: Optical</p> <p>Movement Resolution: 1000 dpi</p> <p>Service & Support: 3 years warranty</p> <p>Cables Included: 1 x USB cable 1 x mouse adapter</p>	50		
4.	<p>Matična ploča</p> <p>Intel® Z77</p> <p>4 x DIMM, Max. 32GB, DDR3 2800(O.C.)/2666(O.C.) /2600(O.C.)/2400(O.C.)/2200(O.C.)/2133(O.C.)</p>	2		

/1866(O.C.)/1600/1333/1066 MHz Non-ECC

Un-buffered Memory

Dual Channel Memory Architecture

Supports Intel® Extreme Memory Profile (XMP)

Intel® Socket 1155 for 3rd/2nd Generation Core™ i7/Core™ i5/Core™

Supports Intel® 22 nm CPU

Supports Intel® 32 nm CPU

Supports Intel® Turbo Boost Technology 2.0

Supports NVIDIA® SLI™ Technology

Supports AMD 3-Way CrossFireX™ Technology

Supports AMD CrossFireX™ Technology

*Supports LucidLogix® Virtu™ MVP Technology *1*

*3 x PCIe 3.0/2.0 x16 (x16 or dual x8 or x8/x4/x4) *2*

1 x PCIe 2.0 x4

3 x PCIe 2.0 x1

*1 x mini-PCIe 2.0 x1 *3*

Intel® Z77 chipset :

2 x SATA 6Gb/s port(s), red

2 x SATA 3Gb/s port(s), black

1 x eSATA 3Gb/s port(s), red

1 x mini-SATA 3Gb/s port(s) , black

Support Raid 0, 1, 5, 10

Supports Intel® Smart Response Technology, Intel® Rapid Start Technology,

*ASMedia® PCIe SATA controller : *5*

4 x SATA 6Gb/s port(s), red

Intel®, 1 x Gigabit LAN Controller(s)

Wi-Fi 802.11 a/b/g/n

Supports dual band frequency 2.4/5 GHz

Bluetooth V4.0

Bluetooth V3.0+HS

SupremeFX IV built-in 7.1-Channel High Definition Audio CODEC

- Output Signal-to-Noise Ratio (A-Weighted): 110 dB

- Output THD+N at 1kHz: 95 dB

- TI 6120A2 high fidelity headphone amplifier

- Supports : Jack-detection, Multi-streaming, Front Panel Jack-retasking

- 1500 uF Audio Power Capacitor

ThunderFX

Performance and Chipset:

Output Signal-to-Noise Ratio (A-Weighted): 114dB

Digital-to-Analog Converter: 120dB SNR, 107dB THD+N (Max. 192kHz/ 24-bit)

C-Media 6631 audio processor (Max. 192kHz/ 24bit)

Built-in high fidelity headphone amplifier

Up to 300 ohms headphone impedance support

Special Features:

Multi-platform Support: PC, Xbox 360, PS3

Master/ voice/ game volume control independently (PS3, Xbox 360)

Built-in ENC (Environmental Noise Cancellation) Technology

GameEQ: 3 preset EQ profiles with graphical audio effect tuning hints

Xear™ Surround Headphone

Xear™ SingFX

FlexBass™, Smart Volume Normalize™

DS3D GX 1.0, OpenAL

I/O Ports:

2x RCA audio input

1x USB 2.0 connector

1x 3.5mm headphone jack

1x 3.5mm microphone jack

4 x USB 3.0 port(s) (2 at back panel, blue, 2 at mid-board)

8 x USB 2.0 port(s) (4 at back panel, black+white, 4 at mid-board)

ASMedia® USB 3.0 controller :

2 x USB 3.0 port(s) (2 at back panel, blue)

I/O konektori na zadnjoj strani

1 x DisplayPort

1 x HDMI

1 x eSATA 3Gb/s

1 x LAN (RJ45) port(s)

4 x USB 3.0

4 x USB 2.0

1 x Optical S/PDIF out

1 x Optical S/PDIF in

5 x Audio jack(s)

1 x Clear CMOS button(s)

1 x ROG Connect On/ Off switch(es)

Unutrašnji I/O konektori

1 x USB 3.0 connector(s) support(s) additional 2 USB 3.0 port(s)

2 x USB 2.0 connector(s) support(s) additional 4 USB 2.0 port(s)

6 x SATA 6Gb/s connector(s)

2 x SATA 3Gb/s connector(s)

2 x CPU Fan connector(s) (4 -pin)

3 x Chassis Fan connector(s) (4 -pin)

3 x Optional Fan connector(s) (4 -pin)

1 x S/PDIF out header(s)

1 x 24-pin EATX Power connector(s)

1 x 8-pin ATX 12V Power connector(s)

1 x 4-pin ATX 12V Power connector(s)

1 x Front panel audio connector(s) (AAFP)

1 x System panel(s)

1 x Slow Mode switch(es)

<p>8 x Probel Measurement Points</p> <p>3 x Thermal sensor connector(s)</p> <p>1 x LN2 Mode header(s)</p> <p>1 x EZ Plug connector(s) (4-pin Molex power connector)</p> <p>1 x Power-on button(s)</p> <p>1 x Reset button(s)</p> <p>1 x Go Button(s)</p> <p>1 x mPCIe Combo header(s)</p> <p>Format</p> <p>Extended ATX Form Factor</p> <p>12 inch x 10.1 inch (30.5 cm x 25.7 cm)</p>	
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5.	CPU	2		
	<p>Family Intel Core i7</p> <p>i7-3770K</p> <p>Clock Speed 3.5 GHz</p> <p>Socket 1155</p> <p>L3 cache 8 MB</p> <p>Jezgra Ivy Bridge</p> <p>jamstvo 36 mjeseci</p> <p>DDR3-1333/1600</p> <p>Intel® HD Graphics 4000</p> <p>Graphics Base Frequency</p> <p>650 MHz</p> <p>Graphics Max Dynamic Frequency</p> <p>1.15 GHz</p> <p>hladnjak za procesor: da (box)</p>			

6.	Grafička kartica 1	2		
	<p>Sučelje PCI-E 3.0</p> <p>GPU GeForce GTX 670</p> <p>Radni takt [MHz] 1084</p> <p>Radna memorija (RAM) 2 GB DDR5</p> <p>Memorijska sabirnica [bit] 256</p> <p>RAMDAC [MHz] 400</p> <p>Hlađenje aktivno Dual Slot Fan Cooler</p> <p>Verzija DirectX-a 11</p> <p>DVI-D 2</p> <p>Dual Link DVI Da</p> <p>HDMI 1</p> <p>DisplayPort 1</p>			

7.	Ladica 1	10		
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<p>Ladica 2,5" SATA HDD, USB 3.0 External, Sučelje diska SATA, SATA II Sučelje ladice USB Napajanje preko USB-a garancija 24 mjeseca Hlađenje pasivno</p>	
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8.	HDD 1	10		
	<p>Kapacitet: 3 TB for NAS Cache 64 MB Broj okretaja [rpm]: IntelliPower</p> <hr/> <p>SATA 6 Gb/s Advanced Format (AF) SATA latching connector Form factor 3.5-inch RoHS compliant Host to/from drive (typical) 145 MB/s Load/unload cycles 600,000 Non-recoverable read errors MTBF (hours) 1,000,000 Average power requirements (W) Read/write 4.4 W Idle 4.1 W Standby 0.6 Sleep 0.6 Shock (Gs) Operating (2 ms, read/write) 30 Gs Operating (2 ms, read) 65 Gs Non-operating (1 ms) 250 Gs Average acoustics (dBA) Idle mode 23 dBA Seek mode 24 dBA Temperature (°C, on the base casting) Operating 0 to 70 °C Non-operating -40 to 70 °C Jamstvo: 36 mjeseci</p>			

9.	USB memory stick 1	10		
	<p>Storage Capacity: 64 GB</p> <hr/> <p>Interface: USB 3.0</p> <hr/> <p>Maximum Flash Memory Read Data Transfer Rate: 220 MB/sec</p> <hr/> <p>Maximum Flash Memory Write Data Transfer Rate: 55 MB/sec</p>			

	<i>Gumeno kučište</i>		
	<i>Shock Tolerance Operating: 40G</i>		
	<i>Jamstvo: 120 mjeseci</i>		

10.	USB memory stick 2	20	
	<i>Storage Capacity: 16 GB</i>		
	<i>Interface: USB 2.0</i>		
	<i>Jamstvo: 120 mjeseci</i>		
	<i>Gumeno kučište</i>		

11.	Telefonski kabel	3	
	<i>4 x 7 x 0,12 mm 4-žice:</i>		
	<i>bijela, smeđa, zelena, žuta 5,0 mm x 2,0 mm</i>		
	<i>boja. Crna</i>		
	<i>Kolut 100 m</i>		

12.	Eksterni adapter za HDD	3	
	<i>2x PATA, SATA, USB 3.0</i>		
	<i>S-ATA Drive (2.5/3.5 inch HDD, Optical Drive)</i>		
	<i>40-Pin ATAPI Drive, 2.5/3.5 inch HDD, Optical Drive,</i>		
	<i>IDE/EIDE, ATA 33/66/100/133</i>		
	<i>AC Adapter:</i>		
	<i>Input: 100/240 V, 50/60 Hz</i>		
	<i>Output: 12V = Max. 5,000 mA</i>		
	<i>USB3.0 / USB2.0 / USB1.1 Interface</i>		
	<i>Supports 2.5" or 3.5" SATA devices</i>		
	<i>2 x 2.5"/3.5" IDE Interface</i>		
	<i>Supports 2.5" & 3.5" IDE HDDs</i>		

13.	Set alata 1	1	
	<i>Part # QT-TK-NAV2.0</i>		
	<i>Sadrži:</i>		
	<i>Cable Tester with 8 Remotes</i>		
	<i>CableTracker Network ID Toner & Probe Kit</i>		
	<i>Professional "Wire Surgeon®" Impact Termination Tool</i>		
	<i>Professional "Five In One" Modular Crimping Tool</i>		
	<i>Wire Surgeon® Wire and Kevlar Scissors</i>		
	<i>E-Z UTP Cable Stripper</i>		
	<i>Electrical Wire Stripper</i>		
	<i>LED Flashlight</i>		
	<i>27-pc. Pro Screwdriver Set</i>		

Precision Diagonal Cut Pliers

Telescoping Inspection Mirror

Super Duty "Quick Knife II"

FlashLight nosač

TriView Magnifier

Parts Bags

The Featherweight Series Case

Cable Tester with 8 Remotes

Easy to read LCD display shows continuity, opens, shorts, and pin mismatches.

Shows exact pinout.

Measures Cable's Length

Comes complete with 8 remote units to cut down significantly on testing multiple cables.

Backlit display allows test readings to be visible in dark areas. Low battery indicator.

The CableTracker Network Tone and Probe Kit model

Activate link lights to identify a connected hub or switch port

Transmits four audible tones

RJ-45 male or female connection

Detachable DMM alligator clips

Detects short or open circuits

Three different blink rates are provided to ensure compatibility with equipment from a wide range of manufacturers.

Traditional toning with two different tone frequencies and patterns is provided for non-active circuit tracing.

Impact Termination Tool

Special ergonomic design with soft rubber cushioned handle

Advanced impact regulating mechanism requiring less force (than traditional punch tools) Automatic Impact: choose low setting for 24/26 gauge wire or high setting for 22 gauge wire.

Comes with "110" dual use (cut and non-cut) blade. "66" Blade available as an option. Optional extra blades store inside handle.

Built in spudger and wire hook tools built into the handle

Professional "Five In One" Modular Crimping Tool For 8P8C/RJ-45, 6P6C/RJ-12, 6P4C/RJ-11, 4P4C, 4P2C/RJ-22

Calibrated to a nominal of .237" (for most High Quality RJ connectors), while maintaining a +/- .005 tolerance.

Meets FCC Spec 68.5

Ultra precise and durable Zinc Alloy

Crowned Head pin arrangement accounts

Low effort crimp mechanism

Accessible release button in the event the tool needs to be open prior to a full crimp.

Wire and Kevlar Scissors

stainless steel

This wire and Kevlar shear is precision designed for clean cutting and specially ground for use with wire, Kevlar, braiding, etc.

ergonomically designed soft rubber handle

UTP Cable Stripper

stripping all UTP (cat 5E, cat6, etc) and STP (Cat5 Shielded) cables.

Electrical Wire Stripper

Cuts and strips wire sizes 10-24 AWG

Set screw locks wire stripper capacity

Self-opening spring-loaded hinge

LED Flashlight

Cree 7090 XR-E LED with a lifespan of 50,000 hours

Constant brightness: 109 Lumens

3.3-hour runtime (Ni-MH)

Highly efficient smooth reflector with focus-adjustable head - throws beam over 100 meters

Uses two 1.5V AA (Alkaline, Ni-MH or Lithium) batteries, inexpensive and widely available, not included

15.3cm (Length) x 2.5cm (Diameter)

Made of durable aircraft-grade aluminum

Type III hard-anodized anti-abrasive finish

75-gram weight (excluding batteries)

Waterproof to IPX-8 Standard

Toughened ultra-clear glass lens with anti-reflective coating

Tactical tailcap switch with momentary-on function

Slip-resistant body design

Included accessories: lanyard, spare o-rings, and a rubber

27-pc. PRO Screwdriver Set

Super strong Chrome Vanadium Steel

Comfort Grip Handles

Precision, low slippage black tips

Precision Screwdrivers with a free spinning top for easy one-handed use

Lifetime Warranty

Slotted: Small, Medium and Large, 1/8" x 3", 3/16" x 3"

Phillips: Small, Medium and Large, #0 x 3", #1 x 3", #2 x 4"

Extra Large: Slotted 5/16" x 6", Phillips #3 x 6"

Slotted Precision Screwdrivers: 1/8" x 2", 3/32" x 2"
 Phillips Precision Screwdrivers: #1 x 2", #0 x 2", #00 x 2"
 Stubbys: Slotted and Phillips
 Magnetic: Bit Driver, Assorted Slotted, Phillips and Torx Bits
 Magnetizer / Demagnetizer

Precision Diagonal Cut Pliers
 Drop Forged Heat Treated Steel Construction
 Spring-Loaded Self-Opening Hinge
 Cushioned Non-Slip Handle Grips
 Sharp, High Frequency Treated Cutting Edges
 Precision-Machined Jaws
 Meets or Exceeds ANSI Specifications

Telescoping Inspection Mirror
 2" Diameter Mirror
 Telescopes from 11" to 17"
 Dual Ball Joint Positions Mirror at any Angle
 Non-Slip Cushioned Handle Grip
 Durable Chrome Plated Finish

professional knife

Made entirely from super 420 Grade fingerprint-proof brushed Stainless Steel
 Performs dual functions as both an Industrial Grade Utility Knife and a Standard
 knife
 Easy one button blade change mechanism
 Built in clip for belt or pocket attachment
 Thumb Stud for One-Hand Opening

14.	Set alata 2	1		
	<p>Part # LANPRO-TERM-PL-V2 sadrží: 16 Pocket Standard Tool Tote Bag LAN Cable Tester Professional "Wire Surgeon®" Impact Termination Tool Professional "Five In One" Modular Crimping Tool 7" Diagonal Pliers Wire Surgeon® Wire and Kevlar Scissors E-Z UTP Cable Stripper Ratcheting Handle Driver, Bit & Socket Set, 58 Pieces Super Duty "Quick Knife II" 9 Pocket Handy Pouch</p>			

16 Pocket Standard Tool Tote Bag

11 Multi-use pockets inside and 8 outside organize tools and accessories.

Zippered top for security.

Will not scratch, mar countertops, floors and upholstery like metal tool boxes.

14"L x 5 1/2"W x 6"H.

LAN Cable Tester

LED display to show the condition of patch cables and installed cabling. It tests for faults such as open wires, shorts, reversed pairs, crossed pairs, split pairs and mis-wiring in seconds

Can test Installed cabling or Individual Patch Cords

Tests the Shield connection on shielded (STP) cabling

Compact and easy to carry

Easy to verify cable continuously, open, short, and misswire

Impact Termination Tool

Special ergonomic design with soft rubber cushioned handle

Advanced impact regulating mechanism requiring less force (than traditional punch tools) Automatic Impact: choose low setting for 24/26 gauge wire or high setting for 22 gauge wire.

Comes with "110" dual use (cut and non-cut) blade. "66" Blade available as an option. Optional extra blades store inside handle.

Built in spudger and wire hook tools built into the handle

Professional "Five In One" Modular Crimping Tool For 8P8C/RJ-45, 6P6C/RJ-12, 6P4C/RJ-11, 4P4C, 4P2C/RJ-22

Calibrated to a nominal of .237" (for most High Quality RJ connectors), while maintaining a +/- .005 tolerance.

Meets FCC Spec 68.5

Ultra precise and durable Zinc Alloy

Crowned Head pin arrangement accounts

Low effort crimp mechanism

Accessible release button in the event the tool needs to be open prior to a full crimp.

Wire and Kevlar Scissors

stainless steel

This wire and Kevlar shear is precision designed for clean cutting and specially ground for use with wire, Kevlar, braiding, etc.

ergonomically designed soft rubber handle

7" Diagonal Pliers

Drop forged chrome nickel steel for durability

Micro nickel finish for corrosion resistance

Ergonomic molded anti-slip handles for maximum comfort

Hardness meets or exceeds ANSI Standards

UTP Cable Stripper

stripping all UTP (cat 5E, cat6, etc) and STP (Cat5 Shielded) cables.

Ratcheting Handle Driver, Bit & Socket Set, 58 Pieces

Sandblasted Chrome Vanadium Steel Bits

Ratchet Driver with Soft Non-Slip Handle Grip

Forward, Fixed, and Reverse Drive Functions

Chrome Plated Flex Extension

*42-pc. 1" Screwdriver Bits: Flat: 3mm, 4mm (2-pc.), 5mm (3-pc.), 6mm (2-pc.), 7mm
Star: SD-10, SD-15 (2-pc.), SD-20 (2-pc.), SD-25, SD-27, SD-30, SD-40 Hex: 2mm,
2.5mm, 3mm, 4mm, 5mm, 5.5mm, 6mm Phillips: #0, #1 (3-pc.), #2 (4-pc.), #3 (2-pc.)
Pozi: PZ0, PZ1 (2-pc.), PZ2 (2-pc.), PZ3 (2-pc.)*

7-pc. Nut Driver (SAE): 3/16", 1/4", 9/32", 11/32", 5/16", 3/8", 7/16"

7-pc. Nut Drivers (MM): 5, 6, 7, 8, 9, 10, 11mm

1-pc. 8" Flexible Extension

1-pc. Ratchet Driver Handle

Complete with 8 Bit Organizers

professional knife

*Made entirely from super 420 Grade fingerprint-proof brushed Stainless Steel
Performs dual functions as both an Industrial Grade Utility Knife and a Standard
knife*

Easy one button blade change mechanism

Built in clip for belt or pocket attachment

Thumb Stud for One-Hand Opening

9 Pocket Handy Pouch

Attach to belt with clip or belt loop.

Durable 600D polyester construction.

3 Internal pocket sleeves and 6 external pockets.

Detachable electrical tape sling.

15.	Mrežni kabel	1		
	300 m UTP CAT.5E puni , 4x2			

16.	Mrežni konektor	300		
	RJ45, 8-8 POLNI			

	CAT.5E		
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17.	Digitalni telefon	5	
	<i>digital</i> <i>terminal with display</i> <i>Flexible, Graphical 2-line display</i> <i>10 function keys with LED</i> <i>Hands-free</i> <i>Integrated headset support</i> <i>Supports 1 extra key panel</i> <i>Support for Option Unit</i>		

18.	Baterija M3+	30	
	<i>baterija za Hendlheld M3+ uređaj</i> <i>punjiva, Li-Polymer</i>		

19.	Napajanje ATX	2	
	<i>850 Watt Modular Power Supply</i> <i>140 mm</i> <i>MODULAR</i> <i>Input Voltage: AC 90-264 V</i> <i>Maximum Output Power: 850 W</i> <i>Output Power Connectors Quantity: 22</i> <i>Circuit Protection: Over Voltage</i> <i>Undervoltage</i> <i>Over Current</i> <i>Short Curcuit Protection</i> <i>Power Adapter and Power Supply Features: Active PFC</i> <i>Cable Management</i> <i>Automatic Fan Control</i> <i>Certifications: 80 PLUS® Bronze Certified, cTUVus, CE, CB, FCC Class B, TÜV, CCC, C-tick</i> <i>24-pin Main Connector: 1</i> <i>4/8-pin +12V Power Connector: 1</i> <i>4-pin Peripheral Power Connector: 8</i> <i>4-pin Floppy Drive Connector: 2</i> <i>5-pin S-ATA Connector: 8</i> <i>6/8-pin PCI Express Connector: 2</i> <i>Mean Time Between Failures: 100000 hr</i> <i>External Color: Black</i> <i>Package Type: Retail</i> <i>Depth: 160 mm</i> <i>Height: 86 mm</i>		

	<i>Width: 150 mm</i> <i>Nominal Weight: 2.85 kg</i> <i>Warranty Products returnable: Yes</i> <i>Warranty Term (month): 60 month</i> <i>Warranty validation Criteria: Serial Number</i> <i>Box Weight Brutto (kg): 2.85 kg</i> <i>Pack Weight Brutto (kg): 2.85 kg</i> <i>Packs in Box: 1</i> <i>Pieces in pack: 1</i>	
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20.	HDD 2	2		
	<i>1 TB 3G SATA 7.2 K rpm</i>			
	<i>Hot plug 3.5" MDL</i>			
	<i>P/N: 574025-B21</i>			
	<i>Jamstvo: 36 mjeseci</i>			

21.	HDD 3	2		
	<i>146 GB 3G SATA 7.2 K rpm</i>			
	<i>Hot plug 3.5" MDL</i>			
	<i>P/N:</i>			
	<i>Jamstvo: 36 mjeseci</i>			

22.	HDD 4	2		
	<i>300 GB 6G SAS 10K rpm SFF</i>			
	<i>Veličina: 2,5"</i>			
	<i>Quick-release Dual Port Enterprise</i>			
	<i>P/N: 574879-B21</i>			
	<i>Jamstvo: 36 mjeseci</i>			

23.	LTO 4 TAPE	20		

24.	Sprej za ispuhivanje	30		

25.	USB to Serial adapter	1		
	<i>Specifications</i>			
	<i>Adds 16 high speed RS-232 serial port via USB connection</i>			
	<i>384 byte receive buffer.</i>			
	<i>128 byte transmit buffer for high speed data throughput.</i>			
	<i>Requires no IRQ, DMA or I/O port.</i>			

<i>Data rate speed range: 300 bps to 921,600 bps</i>
<i>Serial Connector: DB-9 male connector</i>
<i>RS-232 data signals: DCD, RxD, TxD, DTR, GND, DSR, RTS, CTS, RI.</i>
<i>AC 120V input for DC 5V, 4A switching power supply.</i>
<i>Input: AC 100V - 240V, 47 - 63 Hz.</i>
<i>Ouput: DC 5.0V 4A.</i>
<i>Optionally rack-mountable and DIN-Rail mountable with included hardware. (The DIN-Rail ears that are shown in the picture are not attached out of the box, but can be easily attached if needed.)</i>
<i>Metal Housing</i>
<i>Dimensions are 429×147×44 mm³ (W×L×H) or 451×152×44 mm³ with DB9 connector and ears.</i>
<i>Adaptor works under Windows 98, 98SE, ME, 2000, 2003, XP, Vista, 7, Linux 2.4 & Linux 2.6.9 and later, FreeBSD 6.0 & MAC OSX. (Drivers for Windows are included, the Linux 2.4 driver can be downloaded, and Linux 2.6.9 and later, FreeBSD 6.0 and MAC OSX directly support the adaptor without drivers.</i>

UKUPNO INFORMATIČKE KOMPONENTE (bez PDV-a):	
[slovima: _____]	

3. Računalni programi

RAČUNALNI PROGRAMI - SOFTWARE				
Br.	Naziv artikla / specifikacija	Količina	Jedinična cijena	Ukupna cijena
1.	Antivirusni program (mrežna administracija) 300 klijenata	300		
2.	Cisco CON-SNT-3750G24TS-1	1		
3.	Cisco CON-SU1-AS1A1PK9-1	1		
4.	Cisco CON-SNT-CISC876K-1	1		
5.	Microsoft Visual Studio 2010 Professional With MSDN RENEWAL	1		
6.	Microsoft TechNet subscription Professional with media upgrade	3		
7.	Boztech VENM Console 2012 Per-Admin License	3		

UKUPNO RAČUNALNI PROGRAMI (bez PDV-a):	
[slovima: _____]	

REKAPITULACIJA

Troškovnik

R/Br	Naziv artikla	Količina	Jedinična cijena	Ukupna cijena
1. TEHNIČKA SREDSTVA				
1.	Prijenosno računalo 1	8		
2.	Prijenosno računalo 2	2		
3.	Poslužitelj tip 1 :	2		
4.	Sustav za pohranu podataka:	2		
5.	Switch 1	4		
6.	Switch 2	2		
7.	Switch 3	2		
8.	Switch 4	2		
9.	Switch 5	15		
10.	Mrežni disk	1		
11.	Skener	1		
12.	Pisač	1		
Ukupno tehnička sredstva (bez PDV-a):				
2. INFORMATIČKE KOMPONENTE				
1.	Tipkovnica	30		
2.	Memorija 1	20		
3.	Miš	50		
4.	Matična ploča	2		
5.	CPU	2		
6.	Grafička kartica 1	2		
7.	Ladica 1	10		
8.	HDD 1	10		
9.	USB memory stick 1	10		
10.	USB memory stick 2	20		
11.	Telefonski kabel	3		
12.	Eksterni adapter za HDD	3		
13.	Set alata 1	1		
14.	Set alata 2	1		
15.	Mrežni kabel	1		
16.	Mrežni konektor	300		
17.	Digitalni telefon	5		
18.	Baterija M3	30		
19.	Napajanje ATX	2		
20.	HDD 2	2		
21.	HDD 3	2		
22.	HDD 4	2		
23.	LTO-4 Tape	20		
24.	Sprej za ispuhivanje	30		
25.	USB to serial adapter	1		

Ukupno informatičke komponente (bez PDV-a):				
2. RAČUNALNI PROGRAMI				
1.	Antivirusni program (mrežna administracija) 300 klijenata	300		
2.	Cisco CON-SNT-3750G24TS-1	1		
3.	Cisco CON-SU1-AS1A1PK9-1	1		
4.	Cisco CON-SNT-CISC876K-1	1		
5.	Microsoft Visual Studio 2010 Professional With MSDN RENEWAL	1		
6.	Microsoft TechNet subscription Professional with media upgrade	3		
7.	Bozteck VENM Console 2012 Per-Admin License	3		
Ukupno računalni programi (bez PDV-a):				
CIJENA PONUDE (ukupno tehnička sredstva, informatičke komponente i računalni programi) bez PDV-a:				
Slovima:				
Popust _____ %				
CIJENA PONUDE (ukupno tehnička sredstva, informatičke komponente i računalni programi) bez PDV-a s popustom:				
Slovima:				
Iznos PDV-a:				
UKUPNA CIJENA PONUDE 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:

Pregled uređaja prema proizvođaču, distributeru i ovlaštenom servisu

R/Br	Naziv artikla	Proizvođač	Distributer	Naziv servisa i adresa
1.	Prijenosno računalo 1			
2.	Prijenosno računalo 2			
3.	Poslužitelj tip 1			
4.	Sustav za pohranu podataka			
5.	Switch 1			
6.	Switch 2			
7.	Switch 3			
8.	Switch 4			
9.	Switch 5			
10.	Mrežni disk			
11.	Skener			
12.	Pisač			
13.	Tipkovnica			
14.	Memorija 1			
15.	Miš			
16.	Matična ploča			
17.	CPU			
18.	Grafička kartica 1			
19.	Ladica 1			
20.	HDD 1			
21.	USB memory stick 1			
22.	USB memory stick 2			
23.	Eksterni adapter za HDD			
24.	Set alata 1			
25.	Set alata 2			
26.	Digitalni telefon			
27.	Baterija M3			
28.	Napajanje ATX			
29.	HDD 2			

30.	HDD 3			
31.	HDD 4			
32.	LTO-4 Tape			
33.	USB to serial adapter			

OPĆI PODACI O PONUDITELJU / IMA:

Naziv i sjedište (MB, OIB): _____

Odgovorna / e osoba: _____

Mjesto i datum: _____

Potpis / i štambilj / i ponuditelja:
