

PRIVITAK 2 - TROŠKOVNIK-TEHNIČKA SPECIFIKACIJA

INFORMATIČKE KOMPONENTE

Red. Br.	PREDMET NABAVE	Jedinica mjere	Kol.	Jedinična cijena	Cijena bez PDV-a
1	<p><b>IP telefonski uređaj 1</b></p> <p><b>Phone Features</b></p> <p>3 VoIP accounts            One-touch speed dial, redial            Call forward, call waiting            Call transfer, call hold            Call return, group listening, SMS            Mute, auto answer, DND            3-way conference call            Direct IP call without SIP proxy            Ring tone selection/import/delete            Hotline, emergency call            Set date time manually or automatically            Dial Plan            XML Browser            Action URL/URI            RTCP-XR (RFC3611) ,VQ-RTCPXR (RFC6035)</p> <p><b>Audio Features</b></p> <p>HD voice: HD handset, HD speaker            Wideband codec: G.722            Narrowband codec: G.711(A<math>\mu</math>), G.729AB, G.726            DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO            Full-duplex hands-free speakerphone with AEC            VAD, CNG, AEC, PLC, AJB, AGC</p> <p><b>Directory</b></p> <p>Local phonebook up to 1000 entries            Black list            XML/LDAP remote phonebook            Intelligent search method            Phonebook search/import/export            Call history: dialed/received/missed/forwarded</p> <p><b>IP-PBX and BroadSoft Features</b></p> <p>Busy Lamp Field (BLF)            Bridged Line Appearance(BLA)            Anonymous call, anonymous call rejection            Hot-desking            Message Waiting Indicator (MWI)            Voice mail            Call park, call pickup            Intercom, paging            Music on hold, Call recording</p> <p><b>Management</b></p> <p>Configuration: browser/phone/auto-provision            Auto provision via FTP/TFTP/HTTP/HTTPS for mass deploy            Auto-provision with PnP            BroadSoft device management            Zero-sp-touch TR-069            Phone lock for personal privacy protection            Reset to factory, reboot            Package tracing export, system log</p> <p><b>Display and Indicator</b></p> <p>2.3" 132x64-pixel graphical LCD with backlight            LED for call and message waiting indication            Dual-color (red or green) illuminated LEDs for line status information            Intuitive user interface with icons and soft keys            National language selection            Caller ID with name, number</p> <p><b>Feature keys</b></p> <p>3 line keys with LED            5 features keys: message, headset, mute, redial, hands-free speakerphone            4 context-sensitive "soft" keys            6 navigation keys            2 volume control keys            Mute key            Headset key            Hands-free speakerphone key</p> <p><b>Interface</b></p> <p>2xRJ45 10/100M Ethernet ports</p>	kom	5		

1xRJ9 (4P4C) handset port  
1xRJ9 (4P4C) headset port  
1XRJ12 (6P6C) EHS port  
Power over Ethernet (IEEE 802.3af), Class 2

#### Other Physical Features

Stand with 2 adjustable angles  
Wall mountable  
External universal AC adapter (optional) : AC 100~240V input and DC 5V/600mA output  
Power consumption (PSU): 1.05-3.23W  
Power consumption (PoE): 1.7-3.2W  
Dimension(W\*D\*H\*T): 212mm\*189mm\*175mm\*54mm  
Operating humidity: 10~95%  
Operating temperature: -10~50°C

#### Network and Security

SIP v1 (RFC2543), v2 (RFC3261)  
Call server redundancy supported  
NAT transverse: STUN mode  
Proxy mode and peer-to-peer SIP link mode  
IP assignment: static/DHCP  
HTTP/HTTPS web server  
Time and date synchronization using SNTP  
UDP/TCP/DNS-SRV(RFC 3263)  
QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP  
SRTP for voice  
Transport Layer Security (TLS)  
HTTPS certificate manager  
AES encryption for configuration file  
Digest authentication using MD5/MD5-sess  
OpenVPN, IEEE802.1X  
IPv6

### IP telefonski uređaj 2

#### Phone Features

6 VoIP accounts  
One-touch speed dial, redial  
Call forward, call waiting  
Call transfer, call hold  
Call return, group listening  
Mute, auto answer, DND  
3-way conference call  
Direct IP call without SIP proxy  
Ring tone selection/import/delete  
Hotline, emergency call  
Set date time manually or automatically  
Dial plan  
XML Browser  
Action URL/URI  
Integrated Screenshots  
RTCP-XR

#### Audio Features

HD voice: HD handset, HD speaker  
Wideband codec: G.722  
Narrowband codec: G.711(A/μ), G.723.1, G.729AB, G.726, iLBC  
DTMF: In-band, Out-of-band(RFC 2833) and SIP INFO  
Full-duplex hands-free speakerphone with AEC  
VAD, CNG, AEC, PLC, AJB, AGC

#### IP-PBX Features

Busy Lamp Field (BLF)  
Bridged Line Appearance(BLA)  
Anonymous call, anonymous call rejection  
Hot-desking  
Message Waiting Indicator (MWI)  
Voice mail  
Call park, call pickup  
Intercom, paging  
Music on hold  
Call recording

#### Directory

Local phonebook up to 1000 entries  
Black list  
XML/LDAP remote phonebook  
Intelligent search method  
Phonebook search/import/export  
Call history: dialed/received/missed/forwarded

2	<p style="text-align: center;"><b>Management</b></p> <p>Configuration: browser/phone/auto-provision  Auto provision via FTP/TFTP/HTTP/HTTPS for mass deploy Auto-provision with PnP  Zero-sp-touch  Phone lock for personal privacy protection  Reset to factory, reboot  Package tracing export, system log</p> <p style="text-align: center;"><b>Display and Indicator</b></p> <p>3.66" 240x120-pixel graphical LCD with backlight  LED for call and message waiting indication  Dual-color (red or green) illuminated LEDs for line status information  Intuitive user interface with icons and soft keys  National language selection  Caller ID with name, number</p> <p style="text-align: center;"><b>Feature keys</b></p> <p>8 line keys with LED  8 line keys can be programmed up to 21 various features (3-page view)  8 features keys: message, headset, conference, mute, hold, transfer, redial, hands-free speakerphone  4 context-sensitive "soft" keys  6 navigation keys  2 volume control keys  Illuminated message key  Illuminated headset key</p> <p style="text-align: center;"><b>Interface</b></p> <p>1xRJ9 (4P4C) handset port  1xRJ9 (4P4C) headset port  1XRJ12 (6P6C) EHS port  Power over Ethernet (IEEE 802.3af), Class 2</p> <p style="text-align: center;"><b>Other Physical Features</b></p> <p>Stand with 2 adjustable angles  Wall mountable (optional)  External universal AC adapter (optional) : AC 100~240V input and DC 5V/1.2A output  Power consumption (PSU): 1.17~3.32W  Power consumption (PoE): 1.60~5.94W  Dimension(W*D*H*T): 265mm x 210mm x 170.5mm x 53.5mm  Operating humidity: 10-95%  Operating temperature: -10~50°C</p> <p style="text-align: center;"><b>Network and Security</b></p> <p>SIP v1 (RFC2543), v2 (RFC3261)  Call server redundancy supported  NAT transverse: STUN mode  Proxy mode and peer-to-peer SIP link mode  IP assignment: static/DHCP  HTTP/HTTPS web server  Time and date synchronization using SNTP  UDP/TCP/DNS-SRV(RFC 3263)  QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP  SRTP for voice  Transport Layer Security (TLS)  HTTPS certificate manager  AES encryption for configuration file  Digest authentication using MD5/MD5-sess  OpenVPN, IEEE802.1X  IPv6</p>	kom	3		
3.	<p><b>SSD 1</b></p> <p>Tip tvrdog diska: SSD  Kapacitet: 500 GB  Sučelje: SATA 3 6 Gb/s  Brzina čitanja: do 540 MB/s  Brzina zapisivanja: do 500 MB/s  IOPS, čitanje: do 98.000  IOPS, zapisivanje: do 90.000  MTBF: 1,5 milijuna sati  Veličina: 2,5"  Visina: 6,8"  Težina: 66 g  Dodatno: MGX kontrolor, 512 MB DRAM predmemorije, AES-256 bitna enkripcija, 3D V-NAND  Jamstvo: 5 godina</p>	kom	9		
	<p><b>SSD 2</b></p> <p>Product Type  SSD NVMe M.2</p>				

4.	<p>Interface PCIe 3.0 x4, NVMe 1.1</p> <p>Capacity 500 GB</p> <p>Key Features</p> <p>Sequential Read Speed Up to 3,200 MB/sec</p> <p>Sequential Write Speed Up to 1,800 MB/sec</p> <p>Random Read Speed Random Read (4KB, QD32): Up to 330,000 IOPS (Thread 4)</p> <p>Random Read (4KB, QD1): Up to 14,000 IOPS (Thread 1)</p> <p>Random Write Speed Random Write (4KB, QD32): Up to 330,000 IOPS (Thread 4)</p> <p>Random Write (4KB, QD1): Up to 50,000 IOPS (Thread 1)</p> <p>Controller Polaris controller</p> <p>S.M.A.R.T. Support Yes</p> <p>GC (Garbage Collection) Auto Garbage Collection Algorithm</p> <p>Device Sleep Mode Support 5mW(L1.2)</p> <p>Internal Storage Yes</p> <p>Temperature proof Yes</p> <p>General</p> <p>Power Consumption (W) Average: Typ. 5.4 Watts, Idle : 1.2W(ASPT off)</p> <p>Reliability (MTBF) 1.5 Million Hours Reliability (MTBF)</p> <p>Environmental Specs</p> <p>Operating Temperature 32°F - 158°F</p> <p>Shock 1500G , duration 0.5m sec, 3 axis</p> <p>Form Factor</p> <p>Product NVMe M.2</p> <p>Dimensions (W x D x H) 3.15" x 0.87" x 0.09"</p> <p>Weight 0.02 lb.</p> <p>Management SW Magician Software for SSD management</p> <p>Warranty 3 Year Limited Warranty or 200TBW Limited Warranty</p>	kom	5		
5.	<p><b>ADAPTER</b></p> <p>Adapter mSATA na SATA 22pin (data + power) 2.5" full size</p> <p>Vrsta: kontroler</p> <p>Jamstvo [mj]: 12</p> <p>Modelna oznaka: UA0023</p> <p>Tip kontrolera: storage</p> <p>Tehnologija kontrolera: SATA</p> <p>Izvedba kontrolera: adapter</p> <p>Ulazna tehnologija: SATA</p> <p>Izlazna tehnologija: mSATA</p>	kom	4		
6.	<p><b>HDD 1</b></p> <p>1 TB, 6Gb/s, SATA, 5400 rpm</p> <p>Form Factor 2.5 inch</p> <p>Interface SATA 3 (compatible with SATA 3Gb/s and SATA 1.5Gb/s)</p> <p>Cache 128 MB</p> <p>Jamstvo: 24 mjeseci</p>	kom	5		
7.	<p><b>HDD 2</b></p> <p>500 GB 6G SATA 7200 rpm</p> <p>Form Factor 3.5 inch</p> <p>Interface SATA 6Gb/s (compatible with SATA 3Gb/s and SATA 1.5Gb/s)</p> <p>Cache 64 MB</p> <p>Vrijeme pristupa: 4.2 ms</p> <p>Jamstvo: 36 mjeseci</p>	kom	5		

8.	<b>HDD 3</b>	kom	3		
	4 TB, SATA 3, Intellipower rpm				
	Form Factor 3.5 inch				
	Interface SATA 3Gb/s (compatible with SATA 3Gb/s and SATA 1.5Gb/s)				
	Red, NASware				
	Cache 64 MB				
Jamstvo: 36 mjeseci					
9.	<b>Optički miš</b>	kom	30		
	Corded mouse				
	1,5 m usb cabel; 3 button; USB connectivit; Optical tracking				
	800 dpi resolutio; Cable: approximate 180 cm				
	Works with Windows® 10 and Windows® 7				
Warranty 36 months					
10.	<b>Mrežni switch</b>	kom	16		
	Broj portova: 8				
	Napajanje: 5 V vanjsko				
	LED Indicators				
	Per port: Link/Activity/Speed				
Per device: Power					
Brzina prijenosa podataka: 1000Mbps; Type: desktop					
11.	<b>USB flash pogon</b>	kom	5		
	Kapacitet 256 GB				
	Sučelje USB 3.1 Gen 1 (USB 3.0)				
	Brzina čitanja 350 MB/s				
	Brzina pisanja 250 MB/s				
Jamstvo 5 godina					
12.	<b>Mjerni instrument</b>	kom	4		
	DIGITALNI MULTIMETAR				
	MJERI : ISTOSMJERNI NAPON DO 1000 V, IZMJENIČNI NAPON DO 750 V				
	ISTOSMJERNU I IZMJENIČNU STRUJU DO 10 A				
	OTPOR DO 60 Mohma , ZUJALICA ,RS 232, Duty Cycle,true RMS				
	FREKVENCIJA 10 Hz - 10 MHz, KAPACITET DO 4000 uF				
	DIODNI TEST, DATA HOLD,SLABA BATERIJA,OSVJETLJENJE				
DISPLAY :65 x 43mm,ANALOGNI BAR GRAPH, PRIKAZUJE SVE SIMBOLE					
13.	<b>Sprej za ispuhivanje</b>	kom	30		
	400 ml/218 g neto				
14.	<b>Razvodna letva 1</b>	kom	20		
	Opis				
	Prenaponska zaštita za računala i elektroničku opremu. 5 šuko utičnica. Duljina kabela 1,83m. Maksimalna ulazna jakost struje 10A.				
	TEHNIČKE KARAKTERISTIKE:				
	PM5-GR, Broj utičnica 5, Tip utičnice Schuko CEE 7/7P, Ulazni napon 230 V, Ulazna frekvencija 50/60 Hz, Maksimalna struja po fazi 10 A				
Jamstvo 24 mjeseca					
15.	<b>Razvodna letva 2</b>	kom	10		
	Opis				
	Prenaponska zaštita za računala i elektroničku opremu. 8 šuko utičnica. Duljina kabela 1,83m. Maksimalna ulazna jakost struje 10A.				
	TEHNIČKE KARAKTERISTIKE:				
	PM8-GR, Broj utičnica 8, Tip utičnice Schuko CEE 7/7P, Ulazni napon 230 V, Ulazna frekvencija 50/60 Hz, Maksimalna struja po fazi 10 A				
Jamstvo 24 mjeseca					
16.	<b>Telefonski kabel</b>	kom	2		
	kolut dužine 100 m				
	četverožilni				
17.	<b>RAM 1</b>	kom	80		
	kompatibilan sa HP dc8000				
	DDR 3				
	4 GB				
	PC3-10600U-9-10-A0				
18.	<b>Ladica za HDD</b>	kom	3		
	sučelje za disk sATA				
	vanjsko sučelje USB 3.0				
	veličina 2,5"				
Jamstvo: 24 mjeseca					
19.	<b>Patch kabel 1</b>	kom	20		
	Dužina 1 m				
	Cat 5e				

20.	<b>Patch kabel 2</b>	kom	30		
	Dužina 2 m				
	Cat 5e				
21.	<b>Patch kabel 3</b>	kom	30		
	Dužina 3 m				
	Cat 5e				
22.	<b>Patch kabel 4</b>	kom	20		
	Dužina 5 m				
	Cat 5e				
23.	<b>Patch kabel 5</b>	kom	10		
	Dužina 10 m				
	Cat 5e				
24.	<b>Set alata</b>	kom	4		
	<p>Opis proizvoda 70-dijelni set alata sa svim uobičajenim veličinama bitova za rastavljanje svih aktualnih pametnih telefona, laptopa i multimedijских uređaja. Industrijski standard za servisere i poduzeća. Uklj. 16 ostalih komada pribora, potrebnih za popravak vaše elektronike. Isporuka uključuje:</p> <p>4x jednokratna alatka od mekane plastike za podizanje kućišta bez grebanja Set pinceta 4-dijelni Antistatična narukvica Sisaljka Lopatica Set metalnih lopatica Ravnalo Skalpel Rola od tkanine za alat. Set bitova 54-dijelni koji uključuje: 4 mm Aluminum Driver - featuring a magnetic socket, rubber grips, and a ball-bearing swivel top Flexible Shaft Extension - snake into hard to reach places 60 mm Shaft Extension - doubles as a T-handle for extra torque 1/4" Adapter - use this kit's 4 mm bits in standard 1/4" drivers 54 bits in the following sizes: Pentalobe sizes 2, 5, 6 (iPhone, MacBook Air, MacBook Pro) Flathead sizes 1, 1.5, 2, 2.5, 3, 3.5, 4 mm Phillips sizes #000, #00, #0, #1, #2 JIS sizes 000, 00, 0, 1 Torx sizes T3, T4, T5, T6 Torx Security TR7, TR8, TR9, TR10, TR15, TR20 (compatible with non-security) Hex sizes 0.7, 0.9, 1.3, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 6 mm Square sizes #0, #1, #2 Triangle size 3 mm Tri-point sizes #0, #1 Nut Driver sizes 2.5, 3, 3.5, 4, 5 mm SIM Eject size 0.8 mm Magnetic Pickup size 4 mm</p>				
25.	<b>Baterija 9 V</b>	kom	20		
	Nominalni napon 9V				
	Impedancija 3.050 m-ohm @ 1 kHz				
	Težina 45 g				
	Tipični volumen 22.8 cm <sup>3</sup>				
	Terminali mini priključnice okrugle				
	Temperatura skladištenja 5 °C do 30 °C				
	Radna temperatura -20 °C do 54 °C				
Dizajn IEC: 6LF22					
26.	<b>Baterija 9 V punjiva</b>	kom	10		
	Napon 9 V (8,4 V)				
	Ni-Mh				
	250 mAh				
	Dubina: 26.2 mm, Visina: 48.5 mm				
27.	<b>Baterija AA punjiva</b>	kom	2		
	Blister pakiranje sa 4 komada u pakiranju				
	Punjive				
	Ni-Mh				
28.	<b>Punjač baterija sa baterijama AA</b>	kom	2		
	Punjač za punjenje Ni-Mh baterija veličina AA ili AAA				
	Istovremeno se mogu puniti dvije do četiri baterije				
	U kompletu dolaze 4 kom Ni-Mh baterija AA kapaciteta 2500 mAh				

29.	<b>Baterija AAA punjiva</b>	kom	2		
	Blister pakiranje sa 4 komada u pakiranju				
	Punjive Ni-Mh; Kapacitet 900 mAh				
30.	<b>Akumulator za UPS</b>	kom	4		
	Napon 12 V Kapacitet 18 Ah Dimenzije 180 x 76 x 167 mm Vrsta: ventilom regulirana olovo-kiselinska baterija Priključci sa rupom za M5 vijak				
31.	<b>Tragač kablova</b>	kom	2		
	• Tester džepnog formata				
	• Praćenje kablova u zidovima ili kanalima za kablove				
	• za pronalaženje prekida u kablovima				
	• sa različitim signalnim tonovima				
	• RJ-11 utikač i krokodilke				
	• Priključak za slušalice				
	• Vrh senzora nije vodljiv				
	• Podešavanje osjetljivosti				
	• uklj. priključni kabel, baterije, uputstvo				
	• torbica za pojas				
	• Sigurnost: CE, IEC / EN 61010-1:01				
	Prepoznavanje vodiča: per signalni ton				
	Signalni ton (odabirljiv): pulsirajući ton kontinuirani ton				
	Priključak: RJ-11 utikač / krokodilke				
Radni uvjeti: 0...50 °C/ 5...95 % r.H.					
Napajanje: 2 x 9 V blok-baterije (uklj.)					
Dimenzije: Generator signala: 60 mm x 65 mm x 30 mm Senzor: 245 mm x 60 mm					
Masa: Generator signala: 120 g Senzor: 140 g					
Opseg isporuke:					
1 x Tragač kabela CableTracker uklj. generator signala/ senzor i priključni kabel,					
32.	<b>Tester LAN kablova</b>	kom	2		
	LAN kabel tester za ethernet CAT 5/6 i ISDN				
	LAN mrežni kabel tester (RJ11, RJ12, RJ45) za testiranje CAT5 i CAT6 mreže i ISDN mreže				
	- Test konekcija putem LED indikatora				
	- Može testirati greške: SHORT (short circuit), NON PARALLEL (wire reversal), NO CONNECTION (cable defect)				
	- Napajanje sa 9V 6LR61 baterijom (nije uključena)				
- U zaštitnoj torbici					
-Sastoji se od predajnog i prijemnog uređaja					
33.	<b>Konektor</b>	kom	300		
	Konektor RJ11				
	4-polni				
	Muški za montažu na kabel				
<b>CIJENA PONUDE BEZ PDV-a:</b>					
<b>Iznos PDV-a:</b>					
<b>UKUPNA CIJENA PONUDE S PDV-om</b>					

(Mjesto i datum)

M.P.

(Potpis ovlaštene osobe)

