

SPECIFIKACIJA PROIZVODA**PARTIJA 3 - Univerzitet u Novom Sadu**

1. Videokonferencijski sistem - LifeSize Icon 600 - 10xoptical PTZ camera, Phone
HD, Dual display, 1080p - LifeSize Icon 600-DSS-1
yr - LifeSize Small Account - 1 y

SYSTEM COMPONENTS

Lifesize Icon 600 video system

Lifesize Camera 10x (Optional)

Lifesize Phone HD, Phone, 2nd Generation, or Digital MicPod (Optional)

Remote control

Power supply/cables

COMMUNICATIONS

SIP, H.323, 128 Kbps-6.0 Mbps

1 x RJ-45 Network LAN 10/100/1000

1 x Lifesize Link for 2x Lifesize Digital MicPod and/or Lifesize Phone HD or Phone, 2nd Generation

SUPPORT FOR UP TO TWO DISPLAYS

Any 720p or 1080p HD displays supporting HDMI input

HD 1080P60 PTZ CAMERA (OPTIONAL LIFESIZE CAMERA 10X)

Wide-angle zoom lens with 70-degree field of view

Up to 10x optical zoom

Auto focus/automatic gain control

10 camera presets (near or far end)

Standard 3.0 m HDMI cable

VIDEO SPECIFICATIONS

Maximum resolution 1920x1080, 16:9 aspect ratio1

All resolutions progressive scanning up to 60 frames per second

Over 200 resolutions supported

Example bitrates and resolutions (H.264 High Profile, AAC-LD):

600 Kbps (720p30)

820 Kbps (720p60)

1.2 Mbps (1080p30)

1.7 Mbps (1080p60)

VIDEO STANDARDS

H.264 High Profile, H.264 Baseline Profile, H.263+, H.263

VIDEO INPUTS (2 INPUTS)

1 x HD Video In (up to 1080p60) HDMI enabled

1 x DVI-I In (up to 1080p60) HDMI/VGA enabled

VIDEO OUTPUTS (2 OUTPUTS)

1 x HD Video Out (up to 1080p60) HDMI enabled—primary display

1 x DVI-I Out (up to 1080p60) HDMI/VGA enabled—secondary display

FULLY INTEGRATED, HD AUDIO CONFERENCE PHONE (OPTIONAL)

COMING - COMPUTER ENGINEERING d.o.o.

Toše Jovanovića 7
11030 BEOGRAD, SERBIA
Tel./Fax. +381 11 3544644

Tax. No. SR101032283

Reg. No. 01109085262

Account: :

205-18364-92 [KOMERCIJALNA BANKA]

170-0000300226000-91 [HVB BANK]

265-1100310005099-78 RAIFF.BANK

90 Hz up to 22 kHz frequency support
Audio pickup range up to 4.57 m (15 ft.)
Powered by Lifesize Icon 600 directly through Lifesize Link cable
Touchscreen user interface
Manage HD video, audio and presentation
Additional support for up to two Lifesize Digital MicPods
Optional 4 m and 15 m cables available

FULLY INTEGRATED, HD AUDIO DIGITAL MICPOD (OPTIONAL)

90 Hz up to 22 kHz

Audio pickup range up to 4.57 m (15 ft.)
Powered by video system directly through 4 m Lifesize Link cable
Support for up to two Lifesize Digital MicPods
Optional 9 m and 15 m cables available

AUDIO FEATURES

WebRTC NetEQ packet loss concealment
Full duplex for natural conversations
Echo cancellation for echo-free calls
Automatic gain control
Automatic noise reduction

AUDIO STANDARDS

G.711, G.722, G.722.1 and G.722.1C licensed from Polycom®, MPEG-4-AAC-LC, MPEG-4 AAC-LD, Opus

AUDIO INPUTS (4 INPUTS)

1 x Mic/Line In (3.5 mm)
1 x Lifesize Link (Lifesize Phone HD or Phone, 2nd Generation, with optional Lifesize Digital MicPods)
1 x HD Video In
x DVI-I In

AUDIO OUTPUTS (4 OUTPUTS)

1 x Line Out/Headset
1 x Lifesize Link (Lifesize Phone HD or Phone, 2nd Generation)
1 x HD Video Out
1 x DVI-I Out

OTHER SUPPORTED STANDARDS

H.221, H.224, H.225, H.231, H.239/BFCP, H.241, H.242, H.245, H.281, RFC 3261, RFC 3264, RFC 2190, RFC 3407, RFC 2833

USER INTERFACE & FEATURES

Simplified user interface
Heads-up remote control
Seamless call escalation to a group call

Graphical user interface administration console
Multiple languages supported
Do Not Disturb mode
Video mute
Picture-in-picture

LIFESIZE CLOUD-BASED SERVICE2

Seamless call escalation for video and voice participants
Calendar, meeting directory, favorites, unified searchable directory
Automatic provisioning
Guest calling
Single button recording and sharing
Mobile calling
Video network management
Secure firewall traversal, plus NAT
Automatic software updates

SECURITY

Ability to disable HTTP, SSH services
H.235 (AES) encryption support including strict compliance
TLS/SRTP support
Kensington Security Slot

INTELLIGENT NETWORKING FEATURES

Adaptive motion control (AMC) including forward error correction
(FEC) for superior video quality in all network conditions
NAT/firewall traversal (H.460/SIP)
Auto bandwidth detection
DIRECTORY & ADDRESS BOOK
Up to 10,000 directory entries

Global search tool

LDAP support/H.350 compliant
Calendar/meeting directory support
H.323 URI dialing support (Annex O)

SYSTEM MANAGEMENT

Web interface
Auto configuration
SNMP
Backup and restore capability
2 x USB 3.0
Serial support
VISCA™ support

POWER

AC voltage 100–240V, 50–60 Hz, 2.5A via external power supply

ENVIRONMENTAL DATA

Operating temperature: 0°C (32°F) to 40°C (104°F)

Operating humidity: 15% to 85%, noncondensing

Storage temperature: –20°C (–4°F) to 60°C (140°F)

Storage humidity: 10% to 90%, noncondensing

VIDEO DEVICE DIMENSIONS

Width: 365 mm (14.37 in.)

Depth: 163 mm (6.42 in.)

Height: 43.8 mm (1.72 in.)

Weight: 1.53 Kg (3.37 lbs)

MOUNTING OPTIONS

Mounting holes: 2 x M5 screw holes 307 mm (12 in.) apart

Mounting screws: 2 x M5 screws (Max insertion depth: 3.8 mm)

LifeSize Icon 600-DSS-1 yr

LifeSize Small Account - 1 yr

2. Video projektor VIVITEK DH976-WT 4800 ANSI Lumne 15000:1 Contrast**Native Resolution** 1080p (1920 x 1080)**Brightness** 4800 ANSI Lumens**Contrast Ratio** 15,000:1**Max. Supported Resolution** WUXGA (1920x1200) @60Hz**Native Aspect Ratio** 16:9**Lamp Life and Type** 2,500/ 3,500/ 4,000 Hours (Normal /Eco/Dynamic Eco Mode) 310W/245W**Display Type** Single 0.65" DLP Technology by TI**Chip Size** 0.65" DMD**Throw Ratio** 1.39 – 2.09**Image Size (Diagonal)** 25.9" - 324.9"**Projection Distance** 1.2m - 10m**Projection Lens** F= 2.42 - 2.97, f = 20.9 - 31.05 mm**Zoom Ratio** 1.5x**Lens Shift Range** Vertical:111.2% - 130.8%, +/- 5%**Offset** 115%, +/-10%**Keystone Correction** Vertical +/- 30°**Speakers** 3W**Video Compatibility** SDTV(480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i/p), NTSC (M, 3.58/4.43 MHz), PAL (B, D, G, H, I, M, N), SECAM (B, D, G, K, K1, L)**I/O Connection Ports** VGA-In (15pin D-Sub) (x2), HDMI Number of Ports (x2), Display Port (1x), S-Video (1x), Composite Video (1x), Audio-In (RCA) (1x), Audio-In (Mini-Jack) (1x), VGA-Out (15pin D-Sub) (1x), Audio-Out (Mini-Jack) (1x), RJ45 (1x), RS-232 (1x), 3D-Sync (1x), USB B (Service)

Dimensions (W x D x H) 332.8 x 255 x 114.6mm**Weight** 3.95kg kg**Noise Level** 36dB/30dB (Normal/Eco. Mode)**Power Power Supply:** AC 110-240V, 50/60Hz. Power Consumption: 370W (Normal Mode), 300W (Eco. Mode), <0.5W (Standby Mode), <6W (LAN Standby Mode)**3D Ready(DLP link, PC+Video)** Yes**Spare Lamp P/N** N5811118436-SVV**Remote Control P/N** 5041841300**Standard Accessories** VGA Cable, User Manual (CD), Lens Cap, Carrying Case, Quick Start Guide,**Warranty Card** (by region), Remote Controller (with battery), AC Power Cord**Optional Accessories** Spare Lamp P/N: 5811118436-SVV, Remote Control P/N: 5041841300**Warranty** Standard Warranty: 3 years projector / 1 year on lamp or 1.000 hours whichever comes first**UPC Code** 813097 021427

3. Štampač Color - HP Color LaserJet Pro MFP M479fdn (W1A79A)

Product specifications

Product information

HP Color LaserJet Pro MFP M479 Series Printer

Functions

Print, copy, scan, fax, email

First page out (ready) black

As fast as 9.5 sec

First page out (ready) color

As fast as 11.1 sec

Resolution (black)

600 x 600 dpi, Up to 38, 400 x 600 enhanced dpi

Resolution (color)

600 x 600 dpi, Up to 38, 400 x 600 enhanced dpi

Resolution technology

HP ImageREt 3600, PANTONE® calibrated

Monthly duty cycle

Up to 50,000 pages

Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

Recommended monthly page volume

750 to 4000 [13]

Print Technology

Laser

Display

4.3" intuitive touchscreen Color Graphic Display (CGD)

Number of print cartridges

4 (1 each black, cyan, magenta, yellow)

Replacement cartridges

Broj nabavke 3/2019

AMS: For distribution and use in North America and Latin America only: HP 414A Black LaserJet Toner Cartridge (~2,400 pages), W2020A; HP 414A Cyan LaserJet Toner Cartridge (~2,100 pages), W2021A; HP 414A Yellow LaserJet Toner Cartridge (~2,100 pages), W2022A; HP 414A Magenta LaserJet Toner Cartridge (~2,100 pages), W2023A; HP 414x Black LaserJet Toner Cartridge (~7,500 pages), W2020x; HP 414x Cyan LaserJet Toner Cartridge (~6,000 pages), W2021x; HP 414x Yellow LaserJet Toner Cartridge (~6,000 pages), W2022x; HP 414x Magenta LaserJet Toner Cartridge (~6,000 pages), W2023x; EMEA: For distribution and use in Europe, Middle East, Russia, CIS, and Africa only: HP 415A Black LaserJet Toner Cartridge (~2,400 pages), W2030A; HP 415A Cyan LaserJet Toner Cartridge (~2,100 pages), W2031A; HP 415A Yellow LaserJet Toner Cartridge (~2,100 pages), W2032A; HP 415A Magenta LaserJet Toner Cartridge (~2,100 pages), W2033A; HP 415x Black LaserJet Toner Cartridge (~7,500 pages), W2030x; HP 415x Cyan LaserJet Toner Cartridge (~6,000 pages), W2031x; HP 415x Yellow LaserJet Toner Cartridge (~6,000 pages), W2032x; HP 415x Magenta LaserJet Toner Cartridge (~6,000 pages), W2033x; APJ: For distribution and use only in Asia Pacific only: HP 416A Black LaserJet Toner Cartridge (~2,400 pages), W2040A; HP 416A Cyan LaserJet Toner Cartridge (~2,100 pages), W2041A; HP 416A Yellow LaserJet Toner Cartridge (~2,100 pages), W2042A; HP 416A Magenta LaserJet Toner Cartridge (~2,100 pages), W2043A; HP 416x Black LaserJet Toner Cartridge (~7,500 pages), W2040x; HP 416x Cyan LaserJet Toner Cartridge (~6,000 pages), W2041x; HP 416x Yellow LaserJet Toner Cartridge (~6,000 pages), W2042x; HP 416x Magenta LaserJet Toner Cartridge (~6,000 pages), W2043x[4]

Dynamic security

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future.
<http://www.hp.com/go/learnaboutsupplies>

Print languages

HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PDF, URF, Native Office, PWG Raster

Automatic paper sensor

No

Paper trays, standard

2

Paper trays, maximum

3

Mobile Printing Capability

Apple AirPrint™; Google Cloud Print™; HP ePrint; HP Smart App; Mobile Apps; Mopria™ Certified; Roam capable for easy printing

Connectivity, standard

1 Hi-Speed USB 2.0 port; 1 host USB at rear side; built-in Gigabit Ethernet 10/100/1000 Base-TX network port

Security management

Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password protected EWS, secure browsing via SSL/TLS 1.0, TLS 1.1, TLS 1.2; IPP over TLS; Network: enable/disable network ports and features, unused protocol and service disablement, SNMPv1, SNMPv2, and SNMPv3, community password change; HP ePrint: HTTPS with certificate validation, HTTP Basic Access Authentication, SASL authentication; LDAP authentication and authorization; Firewall and ACL; control panel lock, certificates configuration, UPD PIN printing, Syslog, signed firmware, administrator settings, access control, 802.1x authentication (EAP-TLS, and PEAP); Encrypted data storage; Secure data erase; Automatic firmware updates; Secure Encrypted Print via optional job storage, compatible with optional HP JetAdvantage Security Manager

Minimum system requirements

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2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com
2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS
hardware requirements see microsoft.com

Compatible operating systems

Windows Client OS (32/64 bit), Win10, Win8.1, Win 8 Basic, Win8 Pro, Win8 Enterprise, Win8 Enterprise N,
Win7 Starter Edition SP1, UPD Win7 Ultimate, Mobile OS, iOS, Android, Mac, Apple® macOS Sierra v10.12,
Apple® macOS High Sierra v10.13, Apple® macOS Mojave v10.14, Discrete PCL6 Printer Driver, For more
information on the supported operating systems go to <http://support.hp.com>, Enter your product name
and search, Click on User Guides and enter your product name and search for User Guide, Search for your
(Product Name) User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer
Drivers, Supported Operating systems, For more information on the supported operating systems see
www.hp.com/go/upd

Memory, standard

512 MB NAND Flash, 512 MB DRAM

Memory, maximum

512 MB NAND Flash, 512 MB DRAM

Printer management

HP Printer Assistant; HP Utility (Mac); HP Device Toolbox; HP Web JetAdmin Software; HP JetAdvantage
Security Manager; HP SNMP Proxy Agent; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for
HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing
Administrator)

Supported network protocols

TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services
Printing, HP ePrint, Apple AirPrint™, Google Cloud Print 2.0, Mopria, IPP Print; Discovery: SLP, Bonjour, Web
Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router,
Stateful via DHCPv6), SSL Security and Certificate management; Management: SNMPv1, SNMPv2, SNMPv3,
HTTP/HTTPS, Syslog, FTP FW Download

Paper handling input, standard

50-sheet multipurpose tray, 250-sheet input tray, 50-sheet Automatic Document Feeder (ADF)

Paper handling output, standard

150-sheet output bin

Duplex printing

Automatic (default)

Envelope input capacity

Up to 15 envelopes

Finished output handling

Sheetfeed

Media sizes supported

Tray 1, Tray 2: A4; A5; A6; B5 (JIS); B6 (JIS); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm;
Oficio (216 x 340 mm); postcards (JIS single, JIS double); envelopes (DL, C5, B5); Optional Tray 3: A4; A5; A6;
B5 (JIS); B6 (JIS); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm; Oficio (216 x 340 mm);
postcards (JIS single, JIS double); Automatic duplexer: A4; B5; 16K (195 x 270 mm, 184 x 260 mm; 197 x 273
mm); Oficio (216 x 340 mm)

Media sizes, custom

Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2, optional Tray 3: 3.94 x 5.83 to 8.5 x 14 in

Media types

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Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough),
postcards, labels, envelopes

Supported media weight

Tray 1: 16 to 47 lb bond (up to 52 lb with HP Color laser glossy photo papers); Tray 2: 16 to 43 lb bond (up
to 47 lb with postcards, up to 52 lb with HP Color laser glossy photo papers); optional Tray 3: 16 to 43 lb
bond (up to 47 lb with postcards, up to 40 lb with HP Color laser glossy photo papers); Automatic duplexer:
16 to 43 lb bond

Media weights by paper path

Tray 1: 60 to 176 g/m² (up to 200 g/m² with postcards and HP Color laser glossy photo papers); Tray 2: 60
to 163 g/m² (up to 176 g/m² with postcards, up to 200 g/m² HP Color laser glossy photo papers); optional
Tray 3: 60 to 163 g/m² (up to 176 g/m² with postcards, up to 150 g/m² Glossy media); Automatic duplexer:
60 to 163 g/m²

Power

110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC
(+/- 10%), 50/60 Hz (+/- 3 Hz) (Not dual voltage, power supply varies by part number with # Option code
identifier)

Print speed, black (normal)

Up to 28 ppm

Power consumption

550 watts (Active Printing), 20 watts (Ready), 0.7 watts (Sleep), 0.7 watts (HP auto-off/auto-on), 0.06 watts
(auto-off/manual on), 0.06 watts (Off)

Energy efficiency

ENERGY STAR® qualified; EPEAT® Silver; CECP; Blue Angel RAL-UZ 205

Operating temperature range

59 to 86°F

Operating humidity range

20 to 70% RH (non-condensing)

Dimensions (W X D X H)

16.4 x 18.6 x 15.7 in

Dimensions Maximum (W X D X H)

16.8 x 25.7 x 16.3 in

Weight

51.6

Package weight

58.9 lb

What's in the box

HP Color LaserJet Pro M479fdn; 4 preinstalled Introductory HP LaserJet Toner cartridges (Black~2400 pages,
Cyan, Magenta, Yellow: ~1200 pages); In-box documentation (Getting Started Guide, Install Poster);
warranty card (Where required); Internet connection is required to set up the printer. HP printer software
is available at www.hp.com/support; Power cord

Print speed, color (normal)

Up to 28 ppm

Cable included

Yes, 1 USB cable (AP only); No, please purchase USB cable separately (Americas, EMEA); Yes, fax cable

Warranty

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One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Contact your Contractual Vendor or go to hp.com/support to learn about HP award winning service and support options in your region. (wtv code 4G; wtv ID A001)

Software included

No software solutions are included in the Box, only on <http://hp.com>, <http://123.hp.com/laserjet>

FCC

FCC Class A emissions - for use in commercial environments, not residential environments

4. Štampač BW-Laser A4 Xerox Phaser 3610v_DN, 1200x1200dpi 45ppm 512MB Duplex, mreža**Proizvođač** Xerox**Model** 3610v_DN**Tip** Laser**Format papira** A4**Brzina štampe** 45ppm**Rezolucija** 1200x1200dpi**Količina memorije** 512MB**Povezivanje** 10/100/1000Base-T Ethernet, High Speed USB 2.0**Potrošni materijal** Crni Xerox toneri 106R02731, 106R02722, 106R02720**Podržani OS** Microsoft Windows XP SP1, Vista, 7, 2008 Server, 2003 Server Mac OS 10.5 i kasnije Various Linux i UNIX uključujući: • IBM AIX 5 • HP-UX 11i v2 • openSUSE 11 • Red Hat Fedora Core 11-14 • Ubuntu**Mreža** Da**Wireless** Opciono**Dvostrana štampa** Da**Napomena** Pakovanje ne sadrži USB kabl.**5. Tablet SAMSUNG Galaxy Tab S4 10.5 64GB WiFi Zwart****OS**

Android O

Processor

Processor Speed, Type

Octa-Core (2.35GHz + 1.9GHz)

Carrier

Type Wi-Fi**Color**

Color Black

Size

Weight 17oz

Product Dimensions (inches) 9.81" x 6.47" x 0.28"**Camera**

Camera resolution (Front) 8MP

Camera resolution (Rear) 13MP AF with Flash

Digital Optical Zoom

Digital Zoom up to 8x

Features

Bixby Vision 2.0

Video Recording Resolution

UHD 4K (3840 x 2160)@30fps

Main Camera - Flash

Yes

Main Camera - Auto Focus

Yes

Memory

Internal Memory

4GB(RAM) + 64GB

External Memory/microSD™ Capacity

microSD up to 400GB

Connectivity

Wi-Fi

802.11 a/b/g/n/ac 2.4G+5GHz, VHT80 MU-MIMO

USB

USB Type-C (3.1)

Bluetooth

Bluetooth v5.0 (LE up to 2 Mbps)

Wi-Fi Direct

Yes

Display

Main Display Resolution

2560 x 1600 (WQXGA)

Main Display Size

10.5" (267.2mm)

Main Display Technology

Super AMOLED

Color Depth 16M

S Pen Support Yes

Key Features

GPS Navigation Yes

Super AMOLED Display Yes

Keyboard Compatible Yes

Audio

Features

Audio Streaming, Music Player, Tuned by AKG, Dolby Atmos support

Audio Playing Format

MP3,M4A,3GA,AAC,OGG,OGA,WAV,WMA,AMR,AWB,

FLAC,MID,MIDI,XMF,MXMF,IMY,RTTTL,RTX,OTA

Speaker

4-Speaker

Video

Features

Video Streaming, Video Player

Video Playing Format MP4/M4V/3GP/3G2/WMV/ASF/AVI/FLV/MKV/WEBM

Sensor Type

Type

Accelerometer,Gyro Sensor,Geomagnetic Sensor,Hall Sensor,RGB Light Sensor, Iris Scanner, Proximity
Sensor

Package Contents

Included in Box

S Pen, Quick Start Guide, Power Adapter, USB Type-C cable

6. Desktop (sa monitorom) - Desktop po specifikaciji + monitor UM.QB7EE.004 Acer LCD 23.8"B247YBMIPRZX IPS FHD,VGA,HDMI,DP,USB 3.0 ,Tilt,Swivel,Pivot,HA,Vesa,zvucnici

7400/2x8GB/SSD512/750W/T+M/WIN10PRO

TYPE	CODE	NAME	QTY	SUM PRICE
MBO	0222527	MBO ASUS 1151 H110M-R/C/SI	1	
CPU	0300561	CPU INTEL Core i5 7400	1	
RAM	0704795	MEM DDR4 8GB 2666MHz KINGSTON KVR26N19S8/8	1	
RAM	0704795	MEM DDR4 8GB 2666MHz KINGSTON KVR26N19S8/8	1	
HDD/SDD	0140729	SSD 512GB AData 3D Nand ASU800SS-512GT-C	1	
CASE	0151358	KUĆIŠTE MS CYCLOPS V gaming	1	
PSU	0151347	NAPAJANJE Thermaltake Toughpower RGB Gold 750W	1	
KB	0160558	TAST MS KAPPA USB	1	
MS	0190747	MIŠ MS BUBBLE USB	1	
OSTALO0638085		DOEM Windows 10 Pro OLC OA3 DPK, FQC-08797	1	
OSTALO0638521		DOEM GML Win PRO+Home M SAN, H17-10001 nalepnica	1	
CONFIG PC		7400/2x8GB/SSD512/750W/T+M/WIN10PRO	1	

- Monitor UM.QB7EE.004 Acer LCD 23.8"

ACER B247YBMIPRZX-UM.QB7EE.004 IPS OPIS

Ekran

Dijagonala 23.8"

Tip panela IPS

Rezolucija 1920 x 1080

Odnos strana 16:9

Osvetljenje 250

Ugao gledanja 178/178

Frekvencija osvežavanja ekrana 75 Hz

Odziv (ms) 4 ms

Dinamički kontrast (XXX:1) 100M:1

Priključci / Slotovi

VGA Yes

HDMI 1

Display Port 1

USB 3.0 1

Fizičke karakteristike Zvucnici

VESA 100x100

Podesivost po visini Yes

Dodatne funkcije Tilt,Swivel,Pivot,HA,Vesa,zvucnici

Garancija 24 meseca

- OS: WIN 10 pro - akademska;

7. Laptop HP EliteBook 830 G5 (3UP03EA)

Ekran 33.8 cm (13.3") diagonal FHD IPS eDP anti-glare LED-backlit, 220 cd/m², 67% sRGB (1920 x 1080)
Procesor

7th Generation Intel® Core™ i5 processor

Intel® Core™ i5-7200U with Intel® HD Graphics 620 (2.5 GHz, up to 3.1 GHz with Intel® Turbo Boost
Technology, 3 MB cache, 2 cores)

Memorija 8 GB DDR4-2400 SDRAM (1 x 8 GB)

Hard disk 256 GB PCIe® NVMe™ M.2 SSD

Graficka karta Intel® HD Graphics 620

Operativni sistem Windows 10 Pro 64

Opticki uredjaj Bez optickog uredjaja

Mreza Intel® Dual Band Wireless-AC 8265 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo

Slotovi 1 Thunderbolt™ (USB Type-C™ connector);

2 USB 3.1 Gen 1 (1 charging);

1 HDMI 1.4b;

1 RJ-45;

1 docking connector;

1 headphone/microphone combo;

1 AC power

Kamera WEB kamera sa integrisanim mikrofonom

Audio Bang & Olufsen, dual stereo speakers, 3 multi array microphone

Baterija HP Long Life 3-cell, 50 Wh Li-ion

Fizicke karakteristike 1.33kg

- Office standard 2019(akademska Licenca);

8. Multifunkcionalni uredjaj HP LaserJet Pro MFP M426fdn

HP LaserJet Pro MFP M426fdn Specifikacije

FUNCTIONS

Print, copy, scan, fax

MULTITASKING SUPPORTED

Yes

PRINT SPEED BLACK

Normal: Up to 38 ppm [1]

PRINT SPEED COLOR

Normal: [1]

FIRST PAGE OUT (READY)

Black: As fast as 5.6 sec [2]

FIRST PAGE OUT (SLEEP)

Black: As fast as 8.0 sec [2]

FIRST COPY OUT

As fast as 7.2 sec [2]

FIRST COPY OUT (SLEEP)

As fast as 9.7 sec [2]

DUTY CYCLE (MONTHLY, A4)

Up to 80,000 pages

RECOMMENDED MONTHLY PAGE VOLUME

COMING - COMPUTER ENGINEERING d.o.o.

Toše Jovanovića 7
11030 BEOGRAD, SERBIA
Tel./Fax. +381 11 3544644

Tax. No. SR101032283

Reg. No. 01109085262

Account: :

205-18364-92 [KOMERCIJALNA BANKA]
170-0000300226000-91 [HVB BANK]
265-1100310005099-78 RAIFF.BANK

750 to 4,000 [3]

PRINT TECHNOLOGY

Laser

PRINT QUALITY BLACK (BEST)

HP FastRes 1200

PRINT LANGUAGES

HP PCL 5, HP PCL 6, HP Postscript Level 3 emulation, direct PDF (v1.7) printing, URF, PCLM, PWG, Native Office

DISPLAY

7.5 cm (3") intuitive touchscreen Colour Graphic Display (CGD)

PROCESSOR SPEED

1200 MHz

AUTOMATIC PAPER SENSOR

No

REPLACEMENT CARTRIDGES

HP 26A Black LaserJet Toner Cartridge (3,100 pages) CF226A; HP 26X Black LaserJet Toner Cartridge (9,000 pages) CF226X

HP EPRINT CAPABILITY

Yes

MOBILE PRINTING CAPABILITY

HP ePrint; Apple AirPrint™; Mopria-certified; Google Cloud Print 2.0; Mobile apps

WIRELESS CAPABILITY

No

CONNECTIVITY, STANDARD

1 Hi-Speed USB 2.0; 1 Host USB; 1 Gigabit Ethernet 10/100/1000T network; Easy-access USB

NETWORK READY

Standard (built-in Gigabit Ethernet)

MINIMUM SYSTEM REQUIREMENTS

Windows 10 (32 & 64-bit), Windows 8/8.1 (32 & 64-bit), Windows 7 (32 & 64-bit): 1 GHz processor, 1 GB RAM (32-bit) or 2 GB RAM (64-bit), 400 MB available hard disk space, CD/DVD-ROM or Internet, USB or network port; Windows Vista (32-bit): 1 GHz 32-bit (x86) processor, 1 GB RAM (32-bit), 400 MB available hard disk space, CD/DVD-ROM or Internet, USB or network port; Windows Server 2008 (64-bit) (SP1 or greater), Windows Server 2008 R2 (64-bit), Windows Server 2008 R2 (64-bit) (SP1): 1 GHz 64-bit (x64) processor, 2 GB RAM (64-bit), 400 MB available hard disk space, CD/DVD-ROM or Internet, USB or network port; Windows Server 2003 (32-bit) (SP1 or greater), Windows Server 2003 R2 (32-bit), Windows Server 2008 (32-bit) (SP1 or greater): 1 GHz 32-bit (x86) processor, 1 GB RAM (32-bit), 400 MB available hard disk space, CD/DVD-ROM or Internet, USB or network port OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite, Internet, USB, 1 GB available hard disk space, OS compatible hardware (for OS hardware requirements see <http://www.apple.com>)

COMPATIBLE OPERATING SYSTEMS

Windows OS compatible with In-Box Driver: Windows 10 all 32 & 64-bit editions (excluding RT OS for tablets), Windows 8/8.1 all 32 & 64-bit editions (excluding RT OS for tablets), Windows 7 all 32 & 64-bit editions, Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc.); Windows OS compatible with Universal Print Driver (from <http://www.HP.com>): Windows 10 all 32 & 64-bit editions (excluding RT OS for tablets), Windows 8/8.1 all 32 & 64-bit editions (excluding RT OS for tablets), Windows 7 all 32 & 64-bit editions, Windows Vista all 32 & 64-bit editions (Home Basic, Premium, Professional, etc.);

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Broj nabavke 3/2019

Mac OS (HP print drivers available from <http://www.HP.com> and Apple Store): OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Mobile OS (In-OS drivers): iOS, Android, Windows 8/8.1/10 RT; Linux OS (In-OS HPLIP, auto install): BOSS (3.0, 5.0), DEBIAN (6.0, 6.0.1, 6.0.2, 6.0.3, 6.0.4, 6.0.5, 6.0.6, 6.0.7, 6.0.8, 6.0.9, 6.0.10, 7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6), FEDORA (17, 18, 19, 20), LINUX MINT (13, 14, 15, 16, 17), SUSE LINUX (12.2, 12.3, 13.1), UBUNTU (10.04, 11.10, 12.04, 12.10, 13.04, 13.10, 14.04, 14.10); Linux OS (In-OS HPLIP, manual install): MANDRIVA LINUX (2010.0, 2011.0), MEPIS (6.0, 6.5, 7.0, 8.0), PCLINUXOS (2006.0, 2006, 2007.0, 2007, 2008.0, 2008, 2009.0, 2009), RED HAT (8.0, 9.0), RED HAT ENTERPRISE LINUX (5.0, 6.0, 7.0), SLACKWARE LINUX (9.0, 9.1, 10.0, 10.1, 10.2, 11, 12, 12.1), GOS (8.04.1), IGOS(1.0), LINPUS LINUX (9.4, 9.5), LINUX FROM SCRATCH (6); Other OS: UNIX

OPERATING SYSTEM SUPPORTED FOOTNOTE NUMBER

[8]

MEMORY

256 MB

MEMORY, MAXIMUM

256 MB

INTERNAL STORAGE

No

PAPER HANDLING INPUT, STANDARD

100-sheet Tray 1, 250-sheet input Tray 2

PAPER HANDLING INPUT, OPTIONAL

Optional third 550-sheet tray

PAPER HANDLING OUTPUT, STANDARD

150-sheet output bin

MAXIMUM OUTPUT CAPACITY (SHEETS)

Up to 150 sheets

DUPLEX PRINTING

Automatic (standard)

MEDIA SIZES SUPPORTED

Tray 1: A4; A5; A6; B5 (JIS); Oficio (216 x 340 mm); 16K (195 x 270 mm); 16K (184 x 260 mm); 16K (197 x 273 mm); Envelope 10; Envelope Monarch; Envelope B5; Envelope C5; Envelope DL; Custom Size; Statement; Tray 2 & Tray 3: A4; A5; A6; B5 (JIS); Oficio (216 x 340 mm); 16K (195 x 270 mm); 16K (184 x 260 mm); 16K (197 x 273 mm); Custom Size; A5-R; B6 (JIS)

MEDIA SIZES, CUSTOM

Tray 1: 76.2 x 127 to 215.9 x 355.6 mm; Tray 2, 3: 104.9 x 148.59 to 215.9 x 355.6 mm

MEDIA TYPES

Paper (plain, EcoEFFICIENT, light, heavy, bond, coloured, letterhead, preprinted, prepunched, recycled, rough), envelopes, labels, transparencies

MEDIA WEIGHT, SUPPORTEDTray 1: 60 to 175 g/m²; Tray 2, optional 550-sheet Tray 3: 60 to 120 g/m²**MEDIA WEIGHTS, SUPPORTED ADF**60 to 90 g/m²**SCANNER TYPE**

Flatbed, ADF

SCAN RESOLUTION, OPTICAL

Up to 1200 x 1200 dpi

SCAN SIZE (ADF), MAXIMUM

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216 x 355.6 mm

SCAN SIZE (ADF), MINIMUM

102 x 152 mm

SCAN SPEED (NORMAL, A4)

Up to 26 ppm/47 ipm (monochrome), up to 21 ppm/30 ipm (colour)

RECOMMENDED MONTHLY SCAN VOLUME

750 to 4,000 [6]

DUPLEX ADF SCANNING

Yes

AUTOMATIC DOCUMENT FEEDER CAPACITY

Standard, 50 sheets

DIGITAL SENDING STANDARD FEATURES

Scan-to-email; Scan-to-network folder; Scan-to-Cloud

FILE FORMAT SUPPORTED

Scan to USB device and scan from the front panel to a network folder both only support: JPG, PDF

SCAN INPUT MODES

For Scan software (included in the box) support: Windows [JPG, RAW(BMP), PDF, TIFF, PNG, RTF] and Mac [JPG, JPG-2000, TIFF, PNG, PDF, searchable PDF, RTF, TXT]; Front-panel scan, copy, email, fax, or file buttons; HP Scan software; User application via TWAIN or WIA

COPY SPEED (NORMAL)

Black: Up to 38 cpm Color: [4]

COPY RESOLUTION (BLACK TEXT)

600 x 600 dpi

COPY RESOLUTION (COLOR TEXT AND GRAPHICS)

600 x 600 dpi

COPY REDUCE / ENLARGE SETTINGS

25 to 400%

COPIES, MAXIMUM

Up to 99 copies

FAXING

Yes

FAX TRANSMISSION SPEED

3 sec per page [7]

FAX MEMORY

4 MB (250 slerexe pages at standard resolution)

FAX RESOLUTION BLACK (BEST)

Up to 300 x 300 dpi (halftone enabled)

FAX SPEED DIALS, MAXIMUM NUMBER

Up to 120 numbers (119 group dials)

FAX BROADCAST LOCATIONS

119 locations

POWER

Input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz)

POWER CONSUMPTION

583 watts (print/copy), 9.1 watts (ready), 2.7 watts (sleep), 0.7 watts (Auto-On/Auto-Off, via USB connectivity), 0.1 watts (off) [4]

ENERGY EFFICIENCY

ENERGY STAR® qualified; EPEAT® Silver

BLUE ANGEL COMPLIANT

No; Please refer to the ECI document

OPERATING TEMPERATURE RANGE

15 to 32.5°C

RECOMMENDED OPERATING HUMIDITY RANGE

30 to 70% RH

ACOUSTIC POWER EMISSIONS (READY)

Inaudible [11]

ACOUSTIC PRESSURE EMISSIONS BYSTANDER (ACTIVE, PRINTING)

55 dB(A)

WHAT'S IN THE BOX

HP LaserJet Pro MFP M426fdn; Preinstalled HP 26A Black LaserJet Toner Cartridge (3,100 pages); Getting Started Guide; Setup poster; Support flyer; Warranty guide; Printer documentation and software on CD-ROM; Power cord; Phone cord; Built-in duplexer; Built-in fax [13]

CABLE INCLUDED

No, please purchase USB cable separately

SOFTWARE INCLUDEDWindows 7: HP Software Installer/Uninstaller, HP PCL 6 Printer Driver, HP Device Experience (DXP), HP Update, HP Device Toolbox, HP Printer Status and Alerts, HP Product Improvement Study, HP Scan App and Driver, Reconfigure your HP Device, Scan to Email Wizard, Scan to Network Folder Wizard, Warranty and Legal Guide, User Guide; Windows 8+: HP Software Installer/Uninstaller, HP PCL 6 Printer Driver, HP Device Experience (DXP), HP Scan App and Driver, Warranty and Legal Guide, User Guide, Reconfigure your HP Device; Windows XP, Windows Vista and associated servers: HP Software Installer/Uninstaller, HP PCL 6 Printer Driver, HP Scan App and Driver, Warranty and Legal Guide, User Guide; Mac OS: Welcome Screen (directs users to <http://www.hp.com> or OS App Source for LaserJet Software)**WARRANTY**One-year warranty. Warranty and support options vary by product, country and local legal requirements. Go to <http://www.hp.com/support> to learn about HP award winning service and support options in your region.**9. Apple smart cover za model iPad Pro 10.5 (MPHG2HC/A) - Crna ili siva**

The Smart Cover for iPad Air is constructed from a single piece of polyurethane to protect the front of your device. It automatically wakes your iPad when opened and puts it to sleep when closed. You can easily fold the Smart Cover into different positions to create a stand for reading, viewing, typing, or making FaceTime calls. And it's easy to remove, so you can snap it on and off whenever you want.

Product Dimensions: 25.1 x 17.5 x 0.6 cm ; 72.6 g

Boxed-product Weight: 200 g

10. SSD - SAMSUNG SSD 512GB, 2.5", SATA III, 860 Pro

Type

Series

SSD 860 PRO

Usage Application

Client PCs

Interface

SATA 6 Gb/s Interface, compatible with SATA 3 Gb/s & SATA 1.5 Gb/s interface

Storage

Capacity

512 GB (1 GB=1 Billion byte by IDEMA)

* Actual usable capacity may be less (due to formatting, partitioning, operating system, applications or otherwise)

Key Features

Sequential Read Speed

Up to 560 MB/s Sequential Read

* Performance may vary based on system hardware & configuration

Sequential Write Speed

Up to 530 MB/s Sequential Write

* Performance may vary based on system hardware & configuration

Random Read Speed

Random Read (4KB, QD32): Up to 100,000 IOPS Random Read

Random Read (4KB, QD1): Up to 11,000 IOPS Random Read

* Performance may vary based on system hardware & configuration

Random Write Speed

Random Write (4KB, QD32): Up to 90,000 IOPS Random Write

Random Write (4KB, QD1): Up to 43,000 IOPS Random Write

* Performance may vary based on system hardware & configuration

Controller Samsung MJX Controller

NAND Flash

Samsung V-NAND 2bit MLC

Trim Support Yes

AES Encryption

AES 256-bit Encryption (Class 0)TCG/Opal IEEE1667 (Encrypted drive)

S.M.A.R.T. Support Yes

GC (Garbage Collection)

Auto Garbage Collection Algorithm

WWN Support

World Wide Name supported

Device Sleep Mode Support Yes

Internal Storage Yes

General

Power Consumption (W)

Average: 2.0 W

Maximum: 4.0 W (Burst mode)

Actual power consumption may vary depending on system hardware & configuration

Reliability (MTBF)

1.5 Million Hours Reliability (MTBF)

Environmental Specs

Operating Temperature

0 - 70 °C Operating Temperature

10,000,000:1

Contrast ratio (typical)

1000:1

Pixel pitch

0.275 x 0.275 mm

Viewing angle

○ 178° (H) / 178° (V)

○ @ C/R > 10

Flicker-free

Yes

Display colors

16.7 M

Scanning Frequency

30 -83 kHz (H) / 56 -76 Hz (V)

LowBlue Mode

Yes

sRGB

Yes

Connectivity

Signal Input

VGA (Analog)

DVI-D (digital, HDCP)

HDMI (digital, HDCP)

Sync Input

Separate Sync

Sync on Green

Audio (In/Out)

PC audio-in

Headphone out

Convenience

Built-in Speakers

2W x 2

User convenience

Power On/Off

Menu/OK

Volume/Up

Input/Down

SmartImage/Back

OSD Languages

Brazil Portuguese

Czech

Dutch

English

Finnish

French

German

Greek
Hungarian
Italian
Japanese
Korean
Polish
Portuguese
Russian
Spanish
Simplified Chinese
Swedish
Turkish
Traditional Chinese
Ukrainian
Other convenience
Kensington lock
VESA mount (100x100mm)
Plug & Play Compatibility
DDC/CI
Mac OS X
sRGB
Windows 10 / 8.1 / 8 / 7
Stand
Tilt
-5/20 degree
Power
On mode
13.82 W (typ.) (EnergyStar 7.0 test method)
Standby mode
0.5 W (typ.)
Off mode
0.5 W (typ.)
Power LED indicator
Operation - White
Standby mode- White (blinking)
Power supply
Built-in
100-240VAC, 50-60Hz
Dimensions
Product with stand (mm)
540 x 415 x 209 mm
Product without stand (mm)
540 x 325 x 45 mm
Packaging in mm (WxHxD)
588 x 465 x 115 mm
Weight

Product with stand (kg)

3.50 kg

Product without stand (kg)

3.10 kg

Product with packaging (kg)

4.82 kg

Operating conditions

Temperature range (operation)

0°C to 40°C °C

Temperature range (storage)

-20°C to 60°C °C

Relative humidity

20%-80 %

Altitude

Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)

MTBF

50,000 (Excluded backlight) hour(s)

Sustainability

Environmental and energy

EnergyStar 7.0

EPEAT Gold

RoHS

o Lead-free

o Mercury Free

Recyclable packaging material

100 %

Compliance and standards

Regulatory Approvals

CU

SEMKO

cETLus

TUV/ISO9241-307

WEEE

TCO Certified

CE Mark

FCC Class B

ICES-003

RCM

UKRAINIAN

KCC

BSMI

TUV Cert. - blue light cut-off

Cabinet

Color

Black

Finish

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Textured

12. Laptop 1 – Model Lenovo YOGA C930-13 (81C400LEYA)

Procesor Intel Core i7-8550U, 1.80 GHz - 4.00 GHz, 8 MB SmartCache, 4 jezgra, 8 thread-ova
Memorija 16GB DDR4, 2400MHz, integrisano na ploči, bez mogućnosti ugradnje
SSD 512GB M.2 PCIe NVMe SSD
Grafička kartica Intel UHD Graphics 620
Ekran 13.9"
Tip ekrana 4K, IPS, 10-point Multi-touch
Optički uređaj Nema
Mreža WiFi 802.11ac, 2x2, Bluetooth 4.1
Povezivanje 1 x USB 3.1 Gen 1 (Always On), 2 x USB 3.1 Type-C Gen 2 / Thunderbolt, headphone /
microphone combo jack
Web kamera HD 720p
Način unosa podataka Tastatura sa pozadinskim osvetljenjem, Touchpad, Touchscreen
Baterija 60Wh
Operativni sistem Windows 10 Professional 64bit
Ostalo Lenovo Active Pen
Boja Siva
Masa 1.38 kg
Rezolucija ekrana 3840 x 2160 piksela
TouchScreen Da
Broj jezgara 4

Opšte karakteristike

Stil Convertible
Dijagonala ekrana 13.9"
Ekran osetljiv na dodir Da
Procesor Intel Core i7
Memorija 16 GB
Hard Disk Nema
Grafika Integrisana
Operativni sistem Windows 10 Pro
Boja Siva
Model procesora 8550U do 4.00GHz Quad Core
Model VGA Intel UHD 620
SSD 512 GB SSD
Rezolucija ekrana 3840 x 2160
Osvetljena tastatura Da
Baterija Lithium Polymer