

SPECIFICAȚII TEHNICE (F4.1)

Numărul licitației: MTender ID ocde-b3wdp1-MD-1623849375296

Denumirea licitației: Tehnică de calcul și mijloace periferice

02.07.2021

Codul CPV	Denumirea bunurilor și/sau a serviciilor	Modelul articolului	Țara de origine	Producătorul	Specificarea tehnică deplină solicitată	Specificarea tehnică deplină propusă de către ofertant	Standarde de referință
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LOTUL #1: Desktop PC cu două monitoare

1	Desktop PC cu două monitoare						
30200000-1	Desktop PC cu două monitoare	CTO configuration	CZ	HP	Computer: Brand Name recunoscut internațional Platforma: Mini Desktop PC cu posibilitatea montării pe monitor, VESA CPU: Frecvența de bază min. 2,3 GHz, min 6MB cache, min. 4x Cores, 8x Threads, generația lansată după 01.01.2020 RAM: Min 16GB, min. 2x Slots SSD: min. 512GB M.2 NVMe HDD: 2 TB SATA Video card: Integrată cu suport min. 2x monitoare Network: Integrată, Supports 10/100/1000Mbps; Wi-Fi AX201 AX 2x2 + Bluetooth 5.1 Sound card: Integrată Ports: Front: min. 1x USB 3.1 Gen 2 Type A, min. 1x USB Type C, 1x audio/mic jack 3,5mm; Rear: min. 1x HDMI, 1x DP, 1x USB 3.2 Gen2 Type A, 3x USB 3.2 Type A, LAN, Audio (Opțiunea încărcare rapidă și permanent activ va fi prezentă minim la un USB port Type A (front or rear)) OS/Software: Microsoft Windows 10 Professional 64-bit OEM, preinstalat, Security: Discret TPM 2.0, Chassis intrusion switch ACCESORII: Keyboard/Mouse: USB, Eng/Rus de același brand și culoare Power Supply: Blocul de alimentare conform recomandărilor producătorilor Garanție: Min. 3 ani, confirmat pe site-ul producătorului. Monitor: 2x Monitoare min. 27" 2560x1440, 5ms, IPS, Ports: min. 1x HDMI, 1x DP, Bezel Width (side) max. 2mm, de același brand cu blocul de sistem Suport pentru 2 monitoare: Tip - pe masă; Diagonală: 27 inch compatibil cu monitoarele oferite; Reglare: înclinare verticală min. 40°; Greutate maxim suportată: min. 15kg; Culoare: Negru; Altele: Standard VESA compatibile monitoarele oferite	HP ProDesk 405 G6 DM Business PC / 3J458AV Type: Desktop-Mini Processor: AMD® Ryzen™ 3 PRO 4300GE (35W, 4 Cores, 8 threads, 3.5 GHz base frequency, up to 4.0 GHz max., 6MB cache); Launch Date - 21/07/2020 Chipset: AMD® PRO 565 Memory: 16GB (1x16GB) DDR4 3200 SODIMM; 2x SODIMM slots; up to 64GB of memory Storage: 512GB M.2 2280 PCIe NVMe Value SSD; 2TB SATA HDD 2,5" Slots: 1x M.2 PCIe x1 2230 (for WLAN); 1x M.2 PCIe x4 2280 (for storage) Network controller: Realtek RTL8111FPH-CG Gigabit Network Connection; Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® 5.1 M.2 Combo Card Graphics: Integrated Radeon™ Graphics (6 Cores, 1700MHz) Ports: 2x Type-A SuperSpeed USB 5Gbps; 4x Type-A SuperSpeed USB 10Gbps; Type-C® SuperSpeed USB 10Gbps; Type-C® SuperSpeed USB 10Gbps with Power Delivery up to 100W; DisplayPort™ 1.4; HDMI 1.4; Combo Audio Jack with CTIA and OMTP headset support; RJ45 Multimedia: HD Stereo Codec - Realtek ALC3205; Internal Speaker Amplifier - 2W; Internal Speaker Accessories: HP Quick Release 2; Dual Monitor Desk Stand (Suitable for 2x 13–32" monitors; Freestanding mounting type; Weight capacity up to 8 kg max. per each monitor; Tilt -45°/+45°, swivel -90°/+90°, front panel rotatable 360°, VESA compatibility 75x75 / 100x100, Freely adjustable height, Cable management) Security: TPM 2.0 (FW: 7.85) endpoint security controller; Intrusion Sensor (integrated in the system board, can be enabled/disabled through BIOS); Support for chassis cable lock devices; USB enable/disable (via BIOS); Removable media write/boot control; Power-on and Setup password (via BIOS); HP Client Security Suite Gen6; HP Power On Authentication; HP Privacy Settings; HP Secure Erase; Absolute Persistence Module; Pre-boot Authentication; HP Sure Sense3; HP Sure Click3; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure Recover Gen3 Manageability Features: HP Driver Packs; HP System Software Manager (SSM) (download); HP BIOS Config Utility (BCU) (download); HP Client Catalog (download); HP Image Assistant Gen (download); HP Manageability Integration Kit for Microsoft System Center Configuration Management Gen4; Ivanti Management Suite (download); HP Cloud Recovery; HP External Power supply: 65W EPS, active PFC, 88% average efficiency OS: Microsoft Windows 10 Pro 64-bit Input devices: HP 320K Wired Keyboard (Eng/Rus, Factory engraved, quiet typing); HP USB 320M Optical Mouse Monitor: 2x HP E27q G4 QHD Monitor (27" diagonal, Micro-Edge Bezel - 1,8 mm, IPS, Brightness 250 nits, VVA/HVA 178°, Contrast ratio 1000:1, 99% sRGB, Response Ratio 5ms GtG, Native resolution QHD (2560x1440); Hardness 3H, Flicker-free, On-screen controls; Low blue light mode; Anti-glare, VGA; DisplayPort™ 1.4, HDMI 1.4, 4x USB-A 3.2 Gen 1, Security lock-ready, Swivel ±45°, Tilt -5 to +23°, Pivot ±90, Height adjustment range 150 mm, VESA mounting 100x100 mm, Warranty: 3 Years NBD on-site extended official manufacturer warranty	

LOTUL #2: Imprimante multifuncționale

1					Imprimante multifuncționale
30200000-1	Imprimante multifuncționale	3PZ55A	CN	HP	Type: Printer/Scanner/Copier/Fax Technology: Laser Control panel: Yes (colour touchscreen) Duplex: Yes ADF Type: DADF – scan both sides of the page at once Duty cycle (monthly, A4): min. 80 000 pages PRINT Print speed (min): 30 ppm (A4 normal); 30 ipm (A4 duplex). Print resolution: min. 600x600 dpi Standard print languages: PCL6, Adobe PostScript3; PDF; Native Office. Print features: Print from USB; Print two sides. COPY Copy speed (min): 35 cpm Copy Features: Automatic Two-Sided; Density Adjustment of image; Multiple Copies (up to 999); Resize. SCAN Scan speed (min): 35 ipm (single side) Scan file format: PDF, JPG, TIFF Scan type: Flatbed, DADF 50 sheets; two-sided scanning; Skip Blank Pages; Edge Erase; Scan resolution: min. 600x600 dpi Scan features: Scan to USB, email LDAP, network folder, computer, Microsoft SharePoint® OTHER Memory: min. 512 MB; Processor speed Min. 800MHZ; Interfaces: Gigabit Ethernet port, min. 1 rear host port; min. 1 front USB port. Paper handling: Min. 350 sheet A4 input tray. Paper weight: Min. 60g/m2 and min. up to 120g/m2 OS Compatibility: Win 10, Win 8.1, Win 7, Mac OS. Cartridges included: Standard cartridge 3000 pages A4; Warranty: Min. 3 Years On-site official manufacturer warranty Conform Specificatii tehnice
					HP LaserJet Enterprise MFP M430f Type: Print, copy, scan, fax Print technology: Laser Monthly duty cycle: 100 000 pages A4 Print speed: Simplex (A4) up to 40 ppm (HP High Speed mode); Duplex (A4) up to 31 ipm Print resolution: 1200x1200 dpi; HP FastRes 1200 & HP ProRes 1200 Standard print languages: HP PCL 6, HP PCL 5, HP PostScript level 3 emulation, native PDF printing (v 1.7), Native Office (opt.), Apple AirPrint (opt.) Print margins: 2 mm for all sides Printer smart software features: Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB Printer management: HP Printer Assistant, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent (Part of HP WebJetAdmin), HP WS Pro Proxy Agent, Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility – Driver Deployment Utility – Managed Printing Administrator) Duplex printing: Automatic Copy speed: Black (A4) up to 38 cpm Copy resolution: 600x600 dpi Copier specifications: Auto scale; reduce/enlarge from scanner glass (25 to 400 percent) or ADF (25 to 200 percent); collate; auto colour detection; two-sided copying; image adjustments (darkness, background cleanup, sharpness); job build Scan type / Technology Type: Flatbed, ADF / CIS Scan speed: 29 ppm/46 ipm (b&w), 20 ppm/35 ipm (color) Scan file format: MTIFF, PDF, PDF/A, TIFF, XPS, JPEG Scanner advanced features: Optimise text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect colour; Edge Erase; Job notification; Blank page suppression; HP Quick Sets; HP EveryPage; Auto orientation; Embedded Optical Character Recognition (OCR); Auto crop to page; Auto-tone; single pass duplexing ADF scanning Bit depth/ Grey scale levels: 24-bit; Internal: 48-bit / 256 Digital sending standard: Scan to Email; Save-to-Network Folder; Save-to-USB Drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop to Content; Compact PDF; Authentication; Digital Fax (Send to LAN, Internet); HP Digital Sending Software (optional); Local Address Book; OCR Faxing: Fax speed up to 33.6 kbps; stored faxes; fax archiving; fax forwarding; scale to fit; fax address book; LAN/Internet fax; fax Processor speed: 800 MHz Memory: 2.0 GB; 16 GB eMMC Media handling: 100 sheet multi-purpose input tray; 250 sheet paper input tray; 150 sheet output tray; ADF 50 sheets; support additional 550- sheet input tray Media weight: 60 to 200 g/m² input Paper trays; 60 to 160 g/m² ADF Security management: Identity management (Kerberos authentication, LDAP authentication, 1000 user PIN codes, Optional HP and 3rd party advanced authentication solutions (e.g., badge readers); Network (IPsec/firewall with Certificate, Pre-shared Key, Kerberos authentication, Supports WJA-10 IPsec configuration Plug-in, 802.1X authentication (EAPPEAP; EAP-TLS), SNMPv3, HTTPS, Certificates, Access Control List; Data: Storage Encryption, Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft), SSL/TLS (HTTPS), Encrypted Credentials; Device (HP Sure Start Secure Boot (BIOS Integrity Checking with self-healing capability), Intrusion Detection (Constant in-device monitoring for attacks), Whitelisting (loads only known good code), Embedded Trusted Platform Module, HP Connection Inspector, Security lock slot, USB port disablement; Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk Connectivity: 2x Hi-Speed USB 2.0 Host, Hi-Speed USB 2.0 Device, Gigabit Ethernet 10/100/1000T network, Fax

						Compatible operating systems: Windows 10, Windows 8.1, Windows 7 Ultimate, iOS, Android, Apple® MacOS High Sierra v10.13, Apple® MacOS Mojave v10.14, Apple® MacOS Catalina v10.15 Supplies: supported the following cartridges - HP 59A/X series with up to ~3,000 ISO yield for standard and up to ~10,000 ISO yield for extended type cartridges Warranty: 3 Years NBD on-site standard official manufacturer warranty	
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Semnat:

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Igor Iasko, Director General