

SPECIFICAȚII TEHNICE (F4.1)

Numărul licitației: ocds-b3wdp1-MD-1592381260867

Denumirea licitației: Tehnică de calcul

22.07.2020

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
1	VR WORKSTATION						
30200000-1	VR Workstation (Brand Name International)	CTO configuration	CZ	HP	Conform Specificații tehnice	HP Z2 Tower G4 Workstation Type: Graphics Workstation Features: workflows with variety of certified applications, CAD and BIM, 3D modeling, VR capable for both creation and consumption; remote access to high end workflows like rendering and 3D visualization Chipset: Intel® C246 Processor: Intel Core i9-9900K (3.6 GHz base frequency, up to 5.0 GHz with Intel Turbo Boost Technology, 16 MB cache, 8 cores) Memory: 32GB (2x16GB) DDR4 2666 DIMM Memory; 4x DIMM slots, supporting up to 128GB ECC (with Intel Xeon processor)/non-ECC, DDR4 2666 MT/s Storage: HP 1x 4TB 7200 SATA-6G; 2x HP Z Turbo Drv G2 256GB M.2 2280 TLC PCIe SSD (RAID Level 0/1 is supported with Windows OS) Slots: 1x PCIe Gen3 x16 slot; 1x PCIe Gen3 x4 slot /x16 connector; 2x PCIe Gen3 x1 slot/x4 connector; 2x M.2 2230/2280 (for storage); 1x M.2 2230 Network controller: Integrated Intel® I219LM PCIe GbE Controller (Intel® vPro™ with Intel® AMT 12.0) Graphics:: HP NVIDIA GeForce RTX2070SUPER 8GB (3x DP, HDMI, PCIe x16 Gen3, Active cooling with dynamic speed, 256-bit, Multi Display Support - 4x); fully compatible with CUDA 10.1 and Wolfram Mathematica 12+; Average G3D Mark 18095 points by https://www.videocardbenchmark.net/gpu.php?gpu=GeForce+RTX+2070+SUPER&id=4116 Ports: Front I/O (USB 3.0, USB 3.0 Charging Data Port, USB3.1 Gen2 Type-C Charging Data Port, Headphone/Microphone); Rear I/O (4x USB 3.0 ports, 2x USB 2.0 ports, RJ-45 (LOM), Flex IO port, Audio Line-in and Audio Line-out) Audio: Integrated Conexant CX20632 5.1 HDA codec Input devices: HP USB Laser Mouse; HP USB Keyboard (Eng/Rus) Power Supply: 650W wide-ranging, active Power Factor Correction, 90% Efficiency; The power delivery system includes two 6+2 pin graphics power cables Security: TPM 2.0 (Infineon SLB9670). Common Criteria EAL4+ Certified. FIPS 140-2 Level 2 Certified; Security Lock Slot; Serial, USB enable / disable (via BIOS); Removable media Special SW: HP ZCentral Remote Boost 2020 (https://www8.hp.com/sg/en/workstations/zcentral-remote-boost.html) Monitor: HP EliteDisplay E273q 27-inch IPS Micro Edge, LED Backlit; resolution 2560x1440@60 Hz; Viewing Angle 178° H/178° V; Response Time 5 ms; Flicker Free; 3H Surface Hardness; Brightness 350 cd/m2; Contrast Ratio 1000:1 Static/5,000,000:1 Dynamic; Color Gamut Coverage >99% sRGB; DisplayPort 1.2, VGA, HDMI 1.4, 2x USB 3.0 ports, 2x USB Type-C 3.1; Integrated Enhanced cable management; Display height adjustment 0 - 150 mm; Pivot Rotation; 100 mm VESA Mounting; Swivel Range 45°L to 45°R; Tilt Range -5° to + 22° vertical Warranty: Workstation, Monitor and accessories - 5 Years NBD on-site official manufacturer warranty, incl. with Defective Media Retention service for workstation	Eco-Label Certifications: IT ECO declaration; ENERGY STAR®; RoHS; EPEAT Gold; WEEE; ISO 14001
2	MONITOR						
30200000-1	Monitor (Brand Name International)	1JS10A4 / U7935E	CN	HP	Conform Specificații tehnice	HP Z27n G2 Display 27-inch IPS Micro Edge, LED Backlit; resolution 2560x1440@60 Hz; Viewing Angle 178° H/178° V; Response Time 5 ms; Flicker Free; 3H Surface Hardness; Brightness 300 cd/m2; Contrast Ratio 1000:1 Static/10,000,000:1 Dynamic; 111.89 PPI; Color Gamut Coverage >99% sRGB; Factory Color Calibrated (factory calibration report will be supply with the display); Factory Calibration Accuracy (White Point Maximum 3.0 - ΔE 2000; Grayscale Average (255 levels) Maximum - 3.0 ΔE 2000; Gamma Target Tolerance (2.2 for sRGB, 2.4 for BT.709) - ±0.1; X-Rite ColorChecker Average Maximum - 3.0 ΔE 2000; 2x DisplayPort 1.2 (in/out), DVI-D, HDMI 1.4, 3x USB 3.0 ports, 2x USB Type-C 3.1 (downstream Power Delivery up to 10 W / upstream Power Delivery up to 15 W); Picture-in-Picture/Picture-by-Picture Integrated Enhanced cable management; Display height adjustment 0 - 150 mm; Pivot Rotation (Clockwise and Counter Clockwise, Detent at 0 degrees); 100 mm VESA Mounting; Swivel Range 45°L to 45°R; Tilt Range -5° to + 22° vertical; Enhanced cable management; Security Lock Ready; Zero Bright Dot Policy Warranty: 5 Years NBD on-site official manufacturer warranty	Eco-Label Certifications: IT ECO declaration; ENERGY STAR®; RoHS; EPEAT Gold; WEEE; ISO 14001

Semnat:

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