

**CONSULTA PRÉVIA
PROCESSO 2021/300.10.005/394**

PROPOSTA DE PREÇO

*Ludiática – Sistemas Informáticos Lda, contribuinte numero 502738294, com sede na Travessa Mariana Godinho, 19 em Sines, depois de ter tomado conhecimento do objeto do procedimento de Consulta Prévia da Câmara Municipal de Sines, com o numero **2021/300.10.005/394** para "**Aquisição de 25 Computadores Desktop**" obriga-se a executar os referidos trabalhos em harmonia com os documentos do procedimento e seus anexos, pela quantia **global** de 22.150,00 €, (Vinte dois mil cento cinquenta euros) aos quais acresce o IVA (Imposto sobre o Valor Acrescentado) à taxa de 23% no montante de 5.094,50 € (Cinco mil noventa quatro euros e cinquenta cêntimos).*

Mais declara que se submete, em tudo o que respeitar à celebração, execução e extinção do contrato que vier a celebrar, ao que se acha prescrito na legislação portuguesa aplicável e ao foro do tribunal português competente em razão com a cláusula 17ª do Caderno de Encargos, com expressa renúncia a qualquer outro.

Esta proposta mantém-se válida pelo prazo de 66 dias.

Prazo de entrega: Em virtude do equipamento solicitado não estar disponível no mercado, devido às dificuldades verificadas na entrega de componentes por parte dos fabricantes e sujeito a encomenda, o prazo de entrega pode ser até 8 semanas, após adjudicação.

Forma de faturação: Fatura única com a entrega dos bens.

Condições de pagamento: 100% a 60 dias da data da fatura.

Garantia dos equipamentos: 3 anos no local com resposta no dia útil seguinte.

Anexos: Descrição e características com valor unitário dos bens propostos.
"Datasheet" do fabricante

Sines, 14 de Junho de 2021

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Anexo 1 à proposta de preço

Equipamentos HP Prodesk 400 G6 Mini Desktop modelo 1C6Z9EA

PONTO DO CE	DESCRIÇÃO/CARACTERÍSTICAS	QUANTIDADE	VALOR UNITÁRIO	VALOR TOTAL SEM IVA
1	Computador HP Deskpro 400 G6 Mini 1C6Z9EA	25	886,00 €	22.150,00 €
	<p>a) Chassis do tipo UltraSmall FormFactor com as seguintes dimensões: (LxPxA) 17,5cmx17,5cmx3,4cm</p> <p>b) Certificação energética Energy Star</p> <p>c) Windows 10 Pro (64 bits) pré-instalado</p> <p>d) Intel Core i7 (10ª geração), Intel® Core™ i7-10700T</p> <p>e) Memória DDR4-2933 de 8 GB (1x8GB) + 1 slot livre</p> <p>f) Unidade SSD PCIe NVMe 256GB + 1 slot livre 2,5"</p> <p>g) Gráfica onboard Intel UHD630</p> <p>h) Portas frontais: 1 USB tipo C + 2 USB tipo A + Saida audio combo jack</p> <p>i) Portas traseiras: 1 RJ45 + 1 Display Port + 1 HDMI + 4 USB tipo A + Power</p> <p>j) Ethernet speed 10/100/1000</p> <p>kl) Teclado com fios</p> <p>l) Rato com fios</p> <p>m) Garantia 3/3/3 (material/trabalho/onsite): 3 anos material/trabalho no local/dia util seguinte</p>			

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HP ProDesk 400 G6 Desktop Mini PC

A value-added, commercial-grade PC performer

Experience powerful everyday business performance and security in a stylish, petite package at an economical price point with the HP ProDesk 400 Desktop Mini. Get essential productivity, built-in security, and scalable flexibility everywhere you need a desktop.



HP recommends Windows 10 Pro for business

- HP recommends Windows 10 Pro¹ for business
- Intel® Core™ processors²

Robust power for your daily demands

- Get solid desktop performance for your workflows in a surprisingly small package from up to a 10th Gen Intel® processor² and configurable options³ including PCIe® NVMe™ SSD storage, high-speed DDR4 memory, and SuperSpeed USB Type-C® 10Gbps signaling rate connectivity.

Adaptable flexibility for a range of settings

- Configure your Mini your way with flex ports for legacy support or clean desk connectivity or expand with optional dual storage and expansion modules.³ Install in an HP Mini-in-One 24 Display⁴ or attach behind an HP monitor² for streamlined setups.

Built on a secure foundation

- Protect your Mini with hardware-enforced solutions like HP BIOSphere Gen6⁵, HP Sure Sense⁶, HP Sure Click⁷, and HP Manageability Integration Kit.⁸ Ease fleet deployment and management with the optional Intel® Q470 chipset and Intel® vPro™.⁹

Tested and ready

- Rest easy with a reliable PC that goes the distance, is designed to pass 120,000 hours of HP Total Test Process¹⁰ and undergoes MIL-STD 810H testing.¹¹ Help protect your Mini from dust ingress with an optional removable dust filter.³
- Customize your Mini solution with a range of exclusive accessories that secure and mount your Mini and its power supply on a monitor, wall or rack.³
- A high-efficiency power supply, ocean-bound plastics used in the speaker box, and molded-pulp packaging help reduce the impact on the environment.¹²
- Malware is evolving rapidly, and traditional antivirus can't always recognize new attacks. Protect your PC against never-before-seen attacks with HP Sure Sense, which uses deep learning AI to provide exceptional protection against advanced malware.⁶
- Keep productivity high and downtime low with HP BIOSphere Gen6 firmware-level automation. Your PCs have extra protection thanks to automatic updates and security checks.⁵
- Help protect your PC from websites, read only Microsoft Office and PDF attachments, malware, ransomware, and viruses with hardware-enforced security from HP Sure Click.⁷
- The HP Manageability Integration Kit helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.⁸
- Enjoy always-on, included self-help support built right into your PC, for the life of your PC.¹⁴
- Simplify securing your PC. HP Client Security Manager Gen6 offers a single interface to set up and manage powerful security features, including HP SpareKey and HP Password Manager.¹³
- ITDMs can quickly help create, improve, and secure custom Windows images with HP Image Assistant.

HP ProDesk 400 G6 Desktop Mini PC Specifications Table



Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business ¹ Windows 10 Pro 64 (National Academic only) ^{1,2} Windows 10 Home 64 ¹ Windows 10 Home Single Language 64 ¹ FreeDOS
Processor family	10th Generation Intel® Core™ i3 processor; 10th Generation Intel® Core™ i5 processor; 10th Generation Intel® Core™ i7 processor; Intel® Pentium® processor
Available Processors ^{5,22,32}	Intel® Core™ i3-10100T with Intel® UHD Graphics 630 (3.0 GHz base frequency, up to 3.8 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores); Intel® Core™ i3-10300T with Intel® UHD Graphics 630 (3.0 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores); Intel® Core™ i5-10500T with Intel® UHD Graphics 630 (2.3 GHz base frequency, up to 3.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores), supports Intel® vPro® Technology; Intel® Core™ i5-10600T with Intel® UHD Graphics 630 (2.4 GHz base frequency, up to 4.0 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores), supports Intel® vPro® Technology; Intel® Core™ i5-10500T with Intel® UHD Graphics 630 (2.3 GHz base frequency, up to 3.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores); Intel® Core™ i5-10400T with Intel® UHD Graphics 630 (2.0 GHz base frequency, up to 3.6 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores); Intel® Pentium® Gold G6500T with Intel® UHD Graphics 630 (3.5 GHz base frequency, 4 MB L3 cache, 2 cores); Intel® Pentium® Gold G6400T with Intel® UHD Graphics 610 (3.4 GHz base frequency, 4 MB L3 cache, 2 cores); Intel® Core™ i5-10600T with Intel® UHD Graphics 630 (2.4 GHz base frequency, up to 4.0 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores); Intel® Core™ i7-10700T with Intel® UHD Graphics 630 (2.0 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores), supports Intel® vPro® Technology; Intel® Core™ i7-10700T with Intel® UHD Graphics 630 (2.0 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores)
Chipset ³²	Intel® Q470
Form factor	Mini
Maximum memory	64 GB DDR4-2666 SDRAM; 64 GB DDR4-3200 SDRAM ^{6,7,19} Transfer rates up to 2666 MT/s for Celeron®, Pentium®, Intel® Core™ i3, and Intel® Core™ i5 processors. Transfer rates up to 2933 MT/s for Intel® Core™ i7 processors
Memory slots	2 SODIMM
Internal storage	500 GB up to 2 TB SATA HDD ³ up to 500 GB SATA SED Opal 2 HDD ³ up to 500 GB SATA SED FIPS HDD ³ 256 GB up to 512 GB PCIe® NVMe™ M.2 SSD ² 128 GB up to 2 TB PCIe® NVMe™ TLC M.2 SSD ² 256 GB up to 512 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD ² 256 GB up to 512 GB Intel® Optane™ Memory H10 with Solid State Storage ^{2,34} 16 GB NVMe™ Intel® Optane™ Memory for storage acceleration ³⁴
Available Graphics	Integrated: Intel® UHD Graphics 630; Intel® UHD Graphics 610 (Integrated graphics will depend on processor.)
Audio	Realtek ALC3205 codec, internal speaker, combo microphone/headphone jack
Expansion slots	1 M.2 2230; 1 M.2 2280 (1 M.2 slot for WLAN and 1 M.2 2280 slot for storage.)
Ports and Connectors	Front: 1 headphone/microphone combo; 1 SuperSpeed USB Type-C® 10Gbps signaling rate; 1 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging) ³⁵ Rear: 1 RJ-45; 1 DisplayPort™ 1.4; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 1.4b; 2 USB Type-A 480Mbps signaling rate Optional Ports: Flex I/O port 1 – choose one of the following options: DisplayPort™ 1.4, HDMI 2.0, VGA, serial, SuperSpeed USB Type-C® 10Gbps signaling rate (100W Power Delivery, alternate mode DisplayPort™); Flex I/O port 2 – choose one of the following options: 2 USB 2.0 Type-A 480Mbps signaling rate or serial ¹⁸
Input devices	HP Wireless Business Slim Keyboard and Mouse Combo; HP USB wired keyboard; HP Wired Desktop 320K Keyboard; HP USB PS2 Washable Keyboard; HP USB Business Slim Smart Card (CCID) Keyboard ¹⁶ ; HP USB 1000 dpi Laser Mouse; HP USB and PS/2 Washable Mouse; HP USB Hardened Mouse; HP USB Optical Mouse; HP USB Fingerprint Mouse; HP Wired Desktop 320M Mouse ¹⁶ ;
Communications	LAN: Intel® i219LM GbE ; WLAN: Realtek RTL8821CE 802.11b/g/n/ac (1x1) and Bluetooth® M.2 combo card; Intel® Wi-Fi 6 AX201 (2x2) Wi-Fi® and Bluetooth® M.2 combo card, non-vPro™; Intel® Wi-Fi 6 AX201 (2x2) Wi-Fi® and Bluetooth® M.2 combo card, vPro™; Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® M.2 combo card ^{9,32} ;
Drive Bays	One 2.5" ¹⁷
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH;
Security management	Power-on password (via BIOS); SATA port disablement (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; USB enable/disable (via BIOS); Serial enable/disable (via BIOS); HP Secure Erase; HP Sure Click; HP Sure Sense; HP DriveLock and Automatic DriveLock; Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10. (Common Criteria EAL4+ Certified); HP BIOSphere Gen6; HP Client Security Manager Gen6 ^{21,23,27,29,37,38}
Management features	HP BIOS Config Utility (download); HP Client Catalog (download); HP Driver Packs (download); HP System Software Manager (download); HP Cloud Recovery; HP Management Integration Kit for Microsoft System Center Configuration Management Gen 4; HP Image Assistant Gen 5 ^{11,35,36}
Power	65 W external power adapter, up to 89% efficiency
Dimensions	17.7 x 17.5 x 3.4 cm
Weight	1.25 kg (Exact weight depends on configuration.)
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® 2019 registered where applicable ¹³
Environmental specifications	Low halogen ¹⁴
Warranty	1 year (1-1-0) limited warranty and service offering includes 1 year of parts and labor. Terms and conditions vary by country. Certain restrictions and exclusions apply.