

Datasheet

HP ProOne 400 G3 50.8 cm (20") Touch All-in-One PC



Easy to deploy, sleek, and feature-rich, the HP ProOne 400 G3 50.8 cm (20") All-in-One PC with business-class collaboration, optional touch², manageability, and security features is a sound investment.



HP recommends Windows 10 Pro.

- Windows 10 Pro¹
- Screen Size: 50.8 cm (20") diagonal

360° Design

- Stylish design, edge-to-edge glass, extensive cable management and clean lines makes this AiO suitable for a front desk or an open office for space-constrained work environments.

Performance

- New 7th Gen Intel® Core™ processors³ bring high end processing power to the AiO that evokes tower-like performance.

Communication Hub

- Interact naturally with your PC using optional ten-point capacitive touch² and Cortana⁴ on Windows 10 Pro.¹ Enjoy impressive collaboration tools like optional Skype for Business™⁴, HP Noise Cancellation, and a 1 MP HD webcam.

Featuring

- Be productive in any situation. Windows 10 Pro¹ and powerful security, collaboration, and connectivity features from HP help you power through your day on the HP ProOne 400 AiO.
- Guard your data, device and identity with HP Client Security Suite Gen3⁶.
- Keep productivity high and downtime low with HP BIOSphereGen3⁵ firmware-level automation. Your PCs have extra protection thanks to automatic updates and security checks.
- HP WorkWise⁸ is office intelligence rolled into one smartphone app.
- The HP Manageability Integration Kit⁹ helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.
- Greatly improve data, voice, and video communication transfer rates over challenged LAN and Wi-Fi networks.

HP ProOne 400 G3 50.8 cm (20") Touch All-in-One PC Specifications Table



Form Factor	All-in-one
Available Operating System	Windows 10 Pro 64 – HP recommends Windows 10 Pro. ¹ Windows 10 Home 64 ¹ Windows 10 Home Single Language 64 ¹ Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro) ¹⁵ FreeDOS 2.0
Available Processors²	Intel® Celeron® G3900T with Intel® HD Graphics 510 (2.6 GHz, 2 MB cache, 2 cores); Intel® Celeron® G3930T with Intel® HD Graphics 610 (2.7 GHz, 2 MB cache, 2 cores); Intel® Core™ i3-6100T with Intel® HD Graphics 530 (3.2 GHz, 3 MB cache, 2 cores); Intel® Core™ i3-7100T with Intel® HD Graphics 630 (3.4 GHz, 3 MB cache, 2 cores); Intel® Core™ i5-6500T with Intel® HD Graphics 530 (2.5 GHz base frequency, up to 3.1 GHz with Intel® Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i5-7500T with Intel® HD Graphics 630 (2.7 GHz base frequency, up to 3.3 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores); Intel® Core™ i7-6700T with Intel® HD Graphics 530 (2.8 GHz base frequency, up to 3.6 GHz with Intel® Turbo Boost, 8 MB cache, 4 cores); Intel® Core™ i7-7700T with Intel® HD Graphics 630 (2.9 GHz base frequency, up to 3.8 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores); Intel® Pentium® G4400T with Intel® HD Graphics 510 (2.9 GHz, 3 MB cache, 2 cores); Intel® Pentium® G4560 with Intel® HD Graphics 610 (3.5 GHz, 3 MB cache, 2 cores); Intel® Pentium® G4560T with Intel® HD Graphics 610 (2.9 GHz, 3 MB cache, 2 cores)
Chipset	Intel® H270
Maximum Memory	Up to 32 GB DDR4-2400 SDRAM Standard memory note: Transfer rates up to 2400 MT/s
Memory slots	2 SODIMM
Internal Storage	500 GB up to 1 TB SATA (7200 rpm) ⁴ 256 GB SATA TLC SSD ⁴ 256 GB M.2 PCIe SSD ⁴ up to 1 TB NVMe TLC SSD (M.2 PCIe) ⁴
Optical Storage	HP 9.5 mm Slim DVD-Writer ^{5,18}
Display	50.8 cm (20") diagonal HD+ LCD WLED-backlit touch screen (1600 x 900)
Available Graphics	Integrated: Intel® HD Graphics ⁷ (Intel® HD Graphics integrated on processor)
Audio	Audio Controls with Conexant CX5001 codec, microphone/headphone side port (3.5 mm), high performance integrated stereo speakers (2W internal speaker)
Communications	LAN: Realtek RTL8111HSH-CG GbE Ethernet Controller WLAN: Intel® Dual Band Wireless-AC 7265 802.11ac (2x2) and Bluetooth® 4.0 Combo ⁶
Expansion Slots	2 M.2; 1 SD 3 media card reader ¹⁷ (1 M.2 slot for WLAN and 1 M.2 slot for storage)
Ports and Connectors	Left: 1 headphone/microphone combo; 2 USB 3.1 Gen 1 (1 charging) Back: 1 RJ-45; 2 USB 2.0; 1 DisplayPort™ 1.2; 1 serial and PS/2 ports combination; 2 PS/2 (keyboard and mouse); 2 USB 3.1 Gen 1 (2 charging) (1 serial and PS/2 ports combination and 2 PS/2 (keyboard and mouse) are optional.)
Internal Drive Bays	One 2.5"
External Drive Bays	One slim ODD; One SD 3 card reader (optional)
Input Device	HP USB Business Slim Keyboard; HP USB Keyboard ⁸ HP USB Mouse ⁸
Webcam	1 MP webcam with integrated dual array digital microphone, maximum resolution of 1280 x 720 ⁸
Available Software	HP Business PCs are shipped with a variety of software titles including: Native Miracast Support, HP ePrint Driver+Jet Advantage, HP Hotkey Support, HP Recovery Manager, HP Support Assistant. Please refer to this product's quick spec document for a full list of preinstalled software. ^{9,10}
Security Management	Drive lock; Power-on password (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; Trusted Platform Module TPM 2.0 Embedded Security Chip (SLB9670 - Common Criteria EAL4+ Certified); SATA 0,1 port disablement (via BIOS); Serial, USB enable/disable (via BIOS); Integrated hood sensor
Management Features	HP Client Catalog; LANDESK Management; HP SoftPaq Download Manager (SDM); HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP MIK for Microsoft SCCM ^{13,14}
Power	90 W, up to 89% efficient, active PFC (external)
Dimensions	49.77 x 34.7 x 5.8 cm (Without stand)
Weight	5.61 kg (Without stand. Exact weight depends on configuration)
Environmental	Low halogen
Energy Efficiency Compliance	ENERGY STAR® certified and EPEAT® registered configurations available ¹¹
Warranty	1 year (1-1-1) limited warranty and service offering includes 1 year of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

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Accessories and services (not included)

HP Turbo Drive Gen2 256GB M.2 Solid State Drive



Revolutionize large file handling and response times with HP Turbo Drive Gen2 256GB M.2 Solid State Drive, a remarkably affordable and innovative PCIe-based NVMe memory SSD storage solution.

Product number: 1CA51AA

HP 9.5mm AIO 400 G2 Slim DVD-Writer Drive



Affordably add an optical storage writer to your HP All-in-One with the HP 9.5mm AIO 400 G2 Slim DVD-Writer Drive, which supports writing—up to 8.5 GB of data or four hours of DVD-quality video—to all DVD formats.

Product number: P8A47AA

HP 16GB DDR4-2400 SoDIMM



Boost the capabilities of your HP Business Desktop PC and improve system performance and application responsiveness with low-power, high-speed DDR4 memory from HP.

Product number: Z9H53AA

HP 3 year Next Business Day Onsite Hardware Support for Desktops

Receive 3 years of next business day onsite HW Support from an HP-qualified technician for your computing device, if the issue cannot be solved remotely.

Product number: U6578E



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Messaging Footnotes

- ¹ Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.
- ² Sold separately or as an optional feature.
- ³ Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
- ⁴ Skype for business subscription required.
- ⁵ HP BIOSphere Gen3 requires Intel® or AMD® 7th generation processors.
- ⁶ HP Client Security Suite Gen3 requires Windows and Intel® or AMD 7th Gen processors.
- ⁸ HP WorkWise smartphone app is available as a free download on the App Store and Google Play.
- ⁹ Based on major competitors as of November 1, 2016 with smartphone managed PC security, performance and print features.

Technical specifications disclaimers

- ¹ Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.microsoft.com>
- ² Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
- ³ In accordance with Microsoft's support policy, HP does not support the Windows® 8 or Windows 7 operating system on products configured with Intel and AMD 7th generation and forward processors or provide any Windows® 8 or Windows 7 drivers on <http://www.support.hp.com>
- ⁴ For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) and up to 36 GB (for Windows 8.1 and 10) of system disk is reserved for system recovery software.
- ⁵ Duplication of copyrighted material is strictly prohibited. Actual speeds may vary. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 Double Sided-Version 1.0 Media.
- ⁶ Wireless cards are optional or add-on features and requires separately purchased wireless access point and internet service. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of this desktop PC to communicate with other 802.11ac WLAN devices.
- ⁷ HD content required to view HD images.
- ⁸ Optional or add-on feature.
- ⁹ HP ePrint Driver requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/eprintcenter). Print times and connection speeds may vary.
- ¹⁰ Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. For more information: <http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast>.
- ¹¹ EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at www.hp.com/go/options
- ¹² External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.
- ¹³ HP SoftPaq Download Manager (SDM); HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP MIK for Microsoft SCCM; Not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>
- ¹⁴ LANDesk Management: Subscription required.
- ¹⁵ This system is preinstalled with Windows 7 Professional software and also comes with a license and media for Windows 10 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
- ¹⁶ Some devices for academic use will automatically be updated to Windows 10 Pro Education with the Windows 10 Anniversary Update. Features vary; see <https://aka.ms/ProEducation> for Windows 10 Pro Education feature information.
- ¹⁷ 1 SD 3 media card reader is optional.
- ¹⁹ HP 9.5 mm Slim DVD-Writer is optional

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