

Sprout Pro by HP G2



Technology that revolutionizes interactivity.

Sprout Pro by HP empowers you to manipulate the physical and digital worlds in innovative ways. Built with a PC, projector, hi-res cameras, Touch Mat and 2D and 3D capture capabilities for an unbelievable experience.



HP recommends Windows 10 Pro.

- Windows 10 Pro¹

Take interactive experiences to the next level

- Highly visual and hands-on experiences are made possible with dual multi-touch displays, a unique 20-point Touch Mat and hi-res cameras. Make collaboration and productivity seamless.

Bring rich content to life

- Quickly capture objects in 2D and 3D using the unique WorkTools⁵ software. Leverage the pressure-sensitive active pen to edit content in real-time and empower creativity.

Designed to be fuss-free

- Reduce the need for extra hardware with a system that integrates multiple technologies. It seamlessly adapts to changing environments.

Featuring

- The high-resolution Full HD projector projects on a 20-point horizontal Touch Mat enabling two sets of hands to bring new meaning to hands-on computing.
- With 2048 levels of pressure sensitivity, the pen enables intuitive precision digital inking. The pen gives the natural feeling of writing with a pen on paper when using it on the horizontal Touch Mat.
- The breakthrough Touch Mat is 2.2mm thick and is designed with a 20-point capacitive surface that lets up to four hands work at once. Enhanced with active pen capability and a 3:2 aspect ratio, it enables scanning documents up to A3 or tabloid size.
- Capture reality and create precise 360° 3D models using enhanced structured light scanning technology to enable productivity and creativity.
- Get fast and convenient 3D scanning by holding and rotating the object in your hand while the advanced PC scans the image.
- A powerful suite of tools that gives easy access to the advanced PC's features. For example, scan and manipulate content in 2D and 3D via an interactive clipboard or even manage how displays will appear on a third monitor.
- A powerful suite of tools that gives easy access to the advanced PC's features. For example, scan and manipulate content in 2D and 3D via an interactive clipboard or even manage how displays will appear on a third monitor.¹
- Enables faster 3D scanning and smoother control when using 3D apps.
- Enabled for state-of-the-art storage that provides exceptional performance and reliability.
- The gorgeous 23.8" diagonal, vertically oriented touch display is in Full HD and gives up to two hands total tactile control.
- The gorgeous 60.45 cm (23.8 inch) diagonal, vertically oriented touch display is in Full HD and gives up to two hands total tactile control.¹⁰
- A wireless keyboard and mouse set comes with the advanced PC.

Sprout Pro by HP G2 Specifications Table

HP recommends Windows 10 Pro.



Form Factor	All-in-One
Operating System	Windows 10 Pro 64-bit ¹
Processor Family	7th Generation Intel® Core™ i7 processor ²
Processors²	Intel® Core™ i7-7700T with Intel HD Graphics 630 (2.9 GHz, 8 MB cache, 4 cores)
Chipset	Intel® H170
Maximum Memory	Up to 32 GB DDR4-2400 non-ECC SDRAM ⁵ Standard memory note: Transfer rates up to 2400 MT/s
Memory Slots	2 SODIMM
Internal Storage	up to 512 GB SATA SSD ^{4,17}
Additional Storage	HP 3-in-1 Media Card Reader
Display	⁵ Vertical: 60.45 cm (23.8") diagonal, 10-point touch-enabled, full HD, wide viewing angle, white LED backlight LCD display (1920 x 1080). Horizontal: 54.1 cm (21.3") diagonal 20-point touch and HP Active Pen-enabled Touch Mat
Available Graphics	Integrated: Intel® HD Graphics 630 ⁵ Discrete: NVIDIA® GeForce® GTX 960M (2 GB GDDR5)
Expansion Slots	M.2 2280 connectivity slot for optional M.2 PCIe SSDs
Ports and Connectors	Bottom: 1 headphone/microphone combo; 1 SD media Side: 4 USB 3.0 (4 charging); 1 HDMI 2.0 (output from Intel® HD graphics); 1 RJ-45; 1 audio line out
Communications	LAN: Integrated Intel® I219-V PCIe GbE controller ⁷ WLAN: Intel® 8260 802.11 a/b/g/n/ac with Bluetooth® 4.2 PCIe NIC (optional) ⁸
Camera	HP High Definition 14 MP Webcam
Power	350 W 85% efficiency, wide-ranging, active PFC
Input Device	HP Wireless (Link-5) Full Featured Keyboard ⁹ HP Comfort Grip Wireless Mouse; HP Active Pen with App Launch
Software	Sprout WorkTools; Discover HP TouchPoint Manager; HP PC Hardware Diagnostics UEFI; HP ePrint Driver ^{12,13,14,15}
Dimensions	67.2 x 58.6 x 56.8 cm With HP Touch Mat docked
Weight	Starting at 12.8 kg Weight is approximate
Energy Efficiency Compliance	ENERGY STAR® certified and EPEAT® Gold registered ¹⁰
Environmental Certification	Mercury-free display backlights; Low halogen ¹¹
Warranty	3-year (3-3-3) limited warranty and service offering includes 3 years of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Accessories and services (not included)

HP Z Turbo Drive Quad Pro
256GB SSD module



Power through your largest data challenges and get amazing performance with the HP Z Turbo Drive Quad Pro, which integrates up to four super-fast HP Z Turbo Drive G2 modules¹ into one PCIe x16 card.

Product number: N2N00AA

HP Z Turbo Drive Quad Pro
512GB SSD module



Power through your largest data challenges and get amazing performance with the HP Z Turbo Drive Quad Pro, which integrates up to four super-fast HP Z Turbo Drive G2 modules¹ into one PCIe x16 card.

Product number: N2N01AA

HP Active Pen with App
Launch



Write naturally, launch an app with the touch of a button, and maximize your productivity with the HP Active Pen with App Launch.¹

Product number: T4Z24AA

Sprout by HP 3D Capture
Stage



The 3D Capture Stage was designed specifically for Sprout by HP to make the 3D scanning process even better. The motorized turntable eliminates the need to manually turn objects, which makes scans faster and more consistent. It connects automatically with Sprout's 3D Capture app to create an even simpler way to produce high-quality scans.

Product number: Z4C03AA

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 Service w/Accidental
Damage Protection for HP
Sprout

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

Product number: U9AN4E



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HP recommends Windows 10 Pro.

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 Not included. License is available separately.
- ³ Faster 3D scanning and smoother control while using 3D apps is compared to the previous generations of Sprout.
- ⁴ PCIe SSD sold separately.
- ⁵ WorkTools is currently only available on Sprout Pro G2 and higher. Internet access required. Some apps referenced through WorkTools may require purchase.
- ⁶ HP 3D Scan Software Pro v5 will be available to download soon through Discover in the WorkTools software that is included standard with Sprout Pro G2. It is available for purchase separately with other PCs. Internet access required. Minimum system requirements for other PCs include Windows 7 or higher and a USB port to upload HP 3D Scan software Pro v5.
- ⁷ Camera 3D will only be available on Sprout Pro by HP G2.
- ⁸ 54.10 cm (21.3 inch) Diagonal Projected Touch Display is only available on Sprout Pro by HP G2.
- ⁹ A3 document size refers to 29.7 x 42.0 cm or 11.69 x 16.53 inches. Tabloid document size refers to 43.2 cm x 27.9 cm or 17 x 11 inches.
- ¹⁰ 60.45 cm (23.8 inch) Diagonal Vertical Touch Display is only available on Sprout Pro by HP G2.
- ¹¹ 23.8 inch Diagonal Vertical Touch Display is only available on Sprout Pro by HP G2.

Technical Specifications 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.microsoft.com>.
- ² 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.
- ³ Intel Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.
- ⁴ For storage drives GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB is reserved for system recovery software.
- ⁵ HD content required to view HD images.
- ⁶ Part of the total system memory (RAM) is used for graphics/video performance. System memory dedicated to graphics/video performance is not available. 16GB memory on standard configuration, upgradeable up to 32 GB DDR4-2400 non-ECC SDRAM
- ⁷ "Gigabit" Ethernet indicates compliance with IEEE standard 802.3ab for Gigabit Ethernet and does not connote actual operating speed of 1 Gb/sec. For high speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.
- ⁸ Wireless access point and Internet service required and not included. 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 the notebook to communicate with other 802.11ac WLAN devices. Actual speeds may vary.
- ⁹ For full functionality of the share hot key, internet access is required and not included.
- ¹⁰ EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.
- ¹¹ External power supplies, power cords, cables and peripherals are not low halogen. Projector and 3D camera are not low halogen. Service parts obtained after purchase may not be low halogen.
- ¹² Apps sold separately.
- ¹³ HP ePrint 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/eprint).
- ¹⁴ HP Touchpoint Manager requires purchase of a subscription and supports Android™, iOS and Windows 7 (SP1) or Windows 8.1 or higher operating systems and PCs, notebooks, tablets and smartphones from various manufacturers. Not available in all countries see www.hp.com/touchpoint for availability information.
- ¹⁵ For more information, visit hp.com/go/hpsupportassistant.
- ¹⁶ Internet connection required for updating and connecting to HP Support.

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