



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 for business

- 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 tablet 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.
- Professional Software Development Kit with advanced hardware access, allows developers to create apps for this advanced PC.
- 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.
- A 3-year peace-of-mind limited warranty (parts/labor/onsite) keeps your focus where it should be.
- A wireless keyboard and mouse set comes with the advanced PC.

Sprout Pro by HP G2 Specifications Table



Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business ¹
Processor family ²	7th Generation Intel® Core™ i7 processor
Available Processors ²	Intel® Core™ i7-7700T with Intel HD Graphics 630 (2.9 GHz, 8 MB cache, 4 cores)
Chipset	Intel® H170
Viewing angle	##displayviewangle##
Form factor	All-in-One
Maximum memory	32 GB DDR4-2400 non-ECC SDRAM ⁶ Transfer rates up to 2400 MT/s
Memory slots	2 SODIMM
Internal storage	512 GB SATA SSD ^{4,17} 512 GB PCIe SSD ⁴
Additional storage	HP 3-in-1 Media Card Reader
Display ⁵	Vertical: 23.8" diagonal, 10-point touch-enabled, full HD, wide viewing angle, white LED backlit LCD display (1920 x 1080). Horizontal: 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)
Audio	Audio by Bang and Olufsen
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
Available Keyboards	HP Wireless (Link-5) Full Featured Keyboard ⁹
Available Pointing Devices	HP Comfort Grip Wireless Mouse; HP Active Pen with App Launch
LAN ⁷ Network Interface ⁷	Integrated Intel® I219-V PCIe GbE controller
WLAN ⁸	Intel® 8260 802.11a/b/g/n/ac with Bluetooth® 4.2 PCIe NIC
Camera	HP High Definition 14 MP Webcam
Available Software ^{12,13,14,15}	Sprout WorkTools; Discover HP TouchPoint Manager; HP PC Hardware Diagnostics UEFI; HP ePrint Driver
Power	350 W 85% efficiency, wide-ranging, active PFC
Dimensions	26.47 x 23.07 x 22.38 in; 67.2 x 58.6 x 56.8 cm
Weight	Starting at 44.3 lb; Starting at 12.8 kg
Ergonomic features	##displaytiltswiv##
Energy efficiency compliance ¹⁰	ENERGY STAR® certified and EPEAT® Gold registered
Environmental specifications ¹¹	Mercury-free display backlights; Low halogen
What's in the box	Sprout Pro by HP G2; HP Illuminator powered by HP DLP Projector; HP High-Resolution Camera (14.6 MP resolution); HP Touch Mat 21.3" diagonal, 20-point touch-enabled with ultra-resistant top coating; HP Active Pen with App Launch; HP Wireless (Link-5) Full Featured Keyboard; HP Comfort Grip Wireless Mouse

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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 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 is currently available to download 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 is available on Sprout Pro by HP G2.
- ⁸ 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 NVIDIA® GeForce® GTX 960M Graphics 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

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- 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 of memory is not standard in all countries.
- 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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