

# Sprout Pro by HP G2



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 Pro<sup>1</sup>
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## 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 WorkTools<sup>®</sup> 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.
- 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



<b>Form Factor</b>	All-in-One
<b>Operating System</b>	Windows 10 Pro 64 <sup>1</sup>
<b>Processor Family</b>	7th Generation Intel® Core™ i7 processor <sup>2</sup>
<b>Processors<sup>2</sup></b>	Intel® Core™ i7-7700T with Intel HD Graphics 630 (2.9 GHz, 8 MB cache, 4 cores)
<b>Chipset</b>	Intel® H170
<b>Maximum Memory</b>	32 GB DDR4-2400 non-ECC SDRAM <sup>6</sup> Transfer rates up to 2400 MT/s
<b>Memory Slots</b>	2 SODIMM
<b>Internal Storage</b>	up to 512 GB SATA SSD <sup>4,17</sup> up to 512 GB PCIe SSD <sup>4</sup>
<b>Additional Storage</b>	HP 3-in-1 Media Card Reader
<b>Available Graphics</b>	Integrated: Intel® HD Graphics 630 <sup>5</sup> Discrete: NVIDIA® GeForce® GTX 960M (2 GB GDDR5)
<b>Audio</b>	Audio by Bang and Olufsen
<b>Communications</b>	LAN: Integrated Intel® I219-V PCIe GbE controller <sup>7</sup> WLAN: Intel® 8260 802.11a/b/g/n/ac with Bluetooth® 4.2 PCIe NIC <sup>8</sup>
<b>Expansion Slots</b>	M.2 2280 connectivity slot for optional M.2 PCIe SSDs
<b>Ports and Connectors</b>	Bottom: 1 headphone/microphone combo; 1 SD media Back: 4 USB 3.0 (4 charging); 1 HDMI 2.0 (output from Intel® HD graphics); 1 GB Ethernet port; 1 audio line-out
<b>Input Device</b>	HP Wireless (Link-5) Full Featured Keyboard <sup>9</sup> ; HP Comfort Grip Wireless Mouse; HP Active Pen with App Launch
<b>Camera</b>	HP High Definition 14 MP Webcam
<b>Software</b>	Sprout WorkTools; Discover HP TouchPoint Manager; HP PC Hardware Diagnostics UEFI; HP ePrint Driver <sup>12,13,14,15</sup>
<b>Power</b>	350 W 85% efficiency, wide-ranging, active PFC
<b>Dimensions</b>	6.72 x 5.86 x 5.68 cm (With HP Touch Mat docked)
<b>Weight</b>	Starting at 12.8 kg
<b>Environmental Certification</b>	Mercury-free display backlights; Low halogen <sup>11</sup>
<b>Energy Efficiency Compliance</b>	ENERGY STAR® certified and EPEAT® Gold registered <sup>10</sup>

## Sprout Pro by HP G2

### Recommended Accessories and Services

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#### **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**

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#### **HP 5-year Next Business Day Onsite Workstation Only Hardware Support**



Receive 5 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely. For more information on Care Pack services, please visit [www.hp.com/go/cpc](http://www.hp.com/go/cpc).

**Product number: U1G39E**

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## Messaging Footnotes

<sup>1</sup> 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>.

<sup>2</sup> Not included. License is available separately.

<sup>3</sup> Faster 3D scanning and smoother control while using 3D apps is compared to the previous generations of Sprout.

<sup>4</sup> PCIe SSD sold separately.

<sup>5</sup> WorkTools is currently only available on Sprout Pro G2 and higher. Internet access required. Some apps referenced through WorkTools may require purchase.

<sup>6</sup> 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.

<sup>7</sup> Camera 3D will only be available on Sprout Pro by HP G2.

<sup>8</sup> 21.3 inch Diagonal Projected Touch Display is only available on Sprout Pro by HP G2.

<sup>9</sup> 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.

<sup>10</sup> NVIDIA® GeForce® GTX 960M Graphics is only available on Sprout Pro by HP G2.

<sup>11</sup> 23.8 inch Diagonal Vertical Touch Display is only available on Sprout Pro by HP G2.

## Technical Specifications Footnotes

<sup>1</sup> 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>.

<sup>2</sup> 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.

<sup>4</sup> 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.

<sup>5</sup> HD content required to view HD images.

<sup>6</sup> 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.

<sup>7</sup> "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.

<sup>8</sup> 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.

<sup>9</sup> For full functionality of the share hot key, internet access is required and not included.

<sup>10</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.

<sup>11</sup> 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.

<sup>12</sup> Apps sold separately.

<sup>13</sup> 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](http://www.hp.com/go/eprint)).

<sup>14</sup> 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](http://www.hp.com/touchpoint) for availability information.

<sup>15</sup> For more information, visit [hp.com/go/hpsupportassistant](http://hp.com/go/hpsupportassistant).

<sup>17</sup> 512 GB Only available for EMEA Region.

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