

# sprout by hp bundle

23-s010b



## Go from thought to expression in an instant

Nothing stands between you and your vision. Sprout is a revolutionary All-In-One computer that makes it easier than ever to get creative. By blurring the line between physical and digital, Sprout lets you bring your creativity to life, instantly.

The Dremel 3D Idea Builder has easy to use software and a simple setup. With a fully enclosed workspace, it allows you to safely and reliably build 3D models and projects. Use Sprout to design your own creations in third-party software and upload them to Dremel 3D software to print.

## product overview

- **Groundbreaking user interface:** Sprout gives you a new way to interact with your content. The two touch surfaces transform your desk's surface into a digital-physical workspace, giving you a more natural, more intuitive way to work.
- **The easiest way to create:** Sprout's breakthrough technology was designed to make creating easier than ever. Instantly capture real-world objects and manipulate them using simple yet powerful editing tools.
- **High-performance All-in-One:** At its core, Sprout is a high-performance All-In-One computer, so it has plenty of power to handle everything from the office to the studio.
- **Dremel 3D Idea Builder:** Your Dremel 3D Idea Builder comes with preloaded models ready to build using the full color touchscreen or create new ones from your Sprout.

## key specifications

- **Operating System:** Windows 10 Home<sup>(1b)</sup>
- **HP Illuminator:** HP Illuminator, powered by the HP DLP Projector, the HP High-Resolution Camera with up to 14.6 megapixel resolution and the Intel® RealSense™ 3D Camera for instant capture of 2D and 3D objects, along with an LED desk lamp.
- **HP Touch Mat:** 20" diagonal, 20-point touch-enabled touch mat with an ultra-resistant top coating
- **Stylus:** Adonit Jot Pro stylus to write and draw comfortably. It can be attached magnetically to the upper-right side of the sprout display.
- **Processor:** 4th generation Intel® Core™ i7-4790S Processor<sup>(2a)</sup>
- **Graphics:** NVIDIA GeForce GT 745A with 2GB DDR3 dedicated memory
- **Integrated display:** 23" diagonal, 10-point touch-enabled, Full HD (1920x1080) Wide Viewing Angle, White-LED backlit LCD Display<sup>(33)</sup>
- **Memory:** 8GB PC3-12800 DDR3-1600 SDRAM memory<sup>(3)</sup> 2x4GB (expandable to 16GB)
- **Hybrid drive:** 1TB SATA 6G Solid State Hybrid Drive<sup>(4b)</sup> with 8GB flash acceleration cache offers SSD-like Speed & HDD capacity
- **Webcam:** HP High Definition 1MP Webcam<sup>(10)</sup>
- **Sound:** DTS Studio Sound™
- **Wireless:** 1000BASE-T Network<sup>(29)</sup> and Integrated Bluetooth® 4.0 and Wireless LAN 802.11a/b/g/n featuring Dual-band (2.4GHz and 5GHz) 2x2 MIMO technology<sup>(19)(26)</sup>
- **USB ports:** Dual USB 2.0 ports and dual USB 3.0 ports, including a powered port to charge phones or other USB devices
- **Memory Card Reader:** HP 3-in-1 Media Card Reader - Supports SD, SDHC, SDXC
- **Keyboard and mouse:** Premium wireless chiclet-style keyboard with volume control, Windows 10 hot keys and optical mouse<sup>(9)(13)</sup>
- **Sprout Workspace:** The app for 2D/3D capture, creation, and sharing.

## product features

- **Featuring Windows 10 Home<sup>(1b)</sup>**
- **It's alive!** The Sprout Illuminator uses an HP DLP projector and four camera sensory system to seamlessly capture every dimension of your project and bring it to life brilliantly on the touch mat.
- **Big ideas need room to stretch out.** The one of kind dual screen set up gives you plenty of real estate and the ability to move between surfaces effortlessly. With sprout there are no boundaries.
- **Hands on means more than it used to.** With the capacitive touch mat, you don't just see the idea, you touch it.
- **Hangout with a hero today.** Sprout workspace app lets you capture and manipulate 2D and 3D objects like never before.
- **Create like an artist.** With its fine point and precision disc the included stylus provides all the accuracy you need to bring your ideas to life.
- **See, hear & feel every idea.** Feel the sound with powerful built-in stereo speakers and a 10 watt subwoofer.
- **More memories, more vivid.** Enjoy your photos, anytime, all in one place. Easily access photos across your PC and mobile devices, then celebrate your memories with prints to share.<sup>(34)</sup>
- **McAfee® LiveSafe™:** Protect from dangerous online threats with a free 1-year McAfee LiveSafe subscription.<sup>(8b)</sup>

## energy efficiency your way

- ENERGY STAR® Certified<sup>(62)</sup>
- Mercury-free display backlights
- Arsenic-free display glass
- Eligible for free recycling or cash back through HP's Planet Partners Recycling and Consumer Buyback programs ([www.hp.com/go/easybuyback](http://www.hp.com/go/easybuyback)).<sup>(31)</sup>

## here to keep you happy

The details of the Limited Warranty Period for this HP Hardware Product are included with your product. For extended warranty and Care Packs please visit [www.hp.com/go/totalcare](http://www.hp.com/go/totalcare). Below you can find a snapshot of the support options that we offer.

- Get immediate answers to your everyday support questions with HP Support Assistant, a free self-help tool that's built right into your PC.<sup>(56)</sup> It is ready to go the first time you turn on your PC, and it's updated over the life of your PC.<sup>(57)</sup> It helps you maintain peak computer performance and resolve problems through automatic updates and tune-ups, built-in diagnostics, and a variety of assistance options.
- HP chat and HP Support Website are available without charge during the whole duration of this HP Limited Warranty. For more information go to [sprout.hp.com/support](http://sprout.hp.com/support). In addition, and at no charge, you get lifetime access to HP's Support Forum at [www.hp.com/go/supportforum](http://www.hp.com/go/supportforum)
- HP Total Care provides award-winning 24x7 service and support. To learn more, visit [www.hp.com/go/totalcare](http://www.hp.com/go/totalcare). This product's limited warranty includes 1 year of complimentary telephone support and 1 year of in-home repair service.



## Specifications

<b>Operating System</b>	• <b>Windows 10 Home</b> <sup>(1)(9)</sup>
<b>HP Illuminator</b>	• HP Illuminator, powered by the HP DLP Projector, the HP High-Resolution Camera with up to 14.6 megapixel resolution and the Intel® RealSense™ 3D Camera for instant capture of 2D and 3D objects, along with an LED desk lamp
<b>HP Touch Mat</b>	• 20" diagonal, 20-point touch-enabled touch mat with an ultra-resistant top coating
<b>Processor</b>	• 4th generation Intel® Core™ i7-4790S Processor <sup>(2)(9)</sup>
<b>Memory</b>	• 8GB PC3-12800 DDR3-1600 SDRAM memory <sup>(3)</sup> 2x4GB (expandable to 16GB)
<b>Hard Drive</b>	• 1TB SATA 6G Solid State Hybrid Drive <sup>(4)(9)</sup> with 8GB flash acceleration cache offers SSD-like Speed & HDD capacity
<b>Video Graphics</b>	• NVIDIA GeForce GT 745A with 2GB DDR3 dedicated memory • Intel® HD Graphics 4600 <sup>(1)(6)</sup>
<b>Network Interface</b>	• 1000BASE-T Network <sup>(2)(9)</sup>
<b>Wireless Connectivity</b>	• Integrated Bluetooth® 4.0 and Wireless LAN 802.11 a/b/g/n featuring Dual-band (2.4GHz and 5GHz) 2x2 MIMO technology <sup>(1)(9)(2)(6)</sup>
<b>Sound</b>	• DTS Studio Sound™ • Integrated Premium stereo speakers and dual digital MEMS microphones
<b>Memory Slots</b>	• 2 SODIMM (occupied)
<b>Expansion Slots</b>	• 1 PCI-E x1 mini socket slot (occupied)
<b>Memory Card Reader</b>	• HP 3-in-1 Media Card Reader - Supports SD, SDHC, SDXC
<b>External Ports</b>	• 2 USB 2.0 ports (at rear) • 2 USB 3.0 ports (at right side, the lower port has USB charging capability) • 1 HDMI 1.4 Output port (at rear) • 1 Gigabit Ethernet port (at rear) • 1 Audio Line Out jack (at rear) • 1 Audio Headphone/Microphone combo jack (at left side)
<b>Mouse and Keyboard</b>	• Premium wireless chiclet-style keyboard with volume control, Windows 10 hot keys and optical mouse <sup>(9)(6)(16)</sup>
<b>Stylus</b>	• Adonit Jot Pro stylus to write and draw comfortably. It can be attached magnetically to the upper-right side of the sprout display.
<b>Web Camera</b>	• HP High Definition 1MP Webcam <sup>(1)(10)</sup>
<b>Integrated Display</b>	• 23" diagonal, 10-point touch-enabled, Full HD (1920x1080) Wide Viewing Angle, White-LED backlit LCD Display <sup>(2)(3)</sup>
<b>Power Supply</b>	• 350W Power Supply (Internal)
<b>Dimensions</b>	• <b>Unpackaged Sprout only:</b> 22.72"(L) x 10.75"(W) x 22.95"(H/D) approx. with mat attached
<b>Weight</b>	• <b>Unpackaged Sprout Only:</b> 32.33 lb approx.
<b>Warranty and Support</b>	• 1-Year limited hardware warranty and in-home repair service • 24 x 7 support for the duration of the warranty period at no additional fee via online chat or HP Support Website <sup>(1)(9)</sup> • 1 year Complimentary Limited Software Technical Support (from date of purchase) Additional information available at <a href="http://sprout.hp.com/support">sprout.hp.com/support</a>
<b>Accessories</b>	• Dremel 3D Idea Builder • Included with the Dremel 3D Idea Builder: - Dremel 3D Idea Builder Printer - 1 Filament Spool - USB cable - SD Card - Power Cable - Spool Lock - Object Removal Tool - Instruction Manual - Quick Start Guide - Build Tape Cleaning Tool - Leveling Sheet
<b>Accessory Specifications</b>	• Dremel 3D Idea Builder Specifications: - Fully enclosed workspace with a pre-installed extruder and removable build platform. - Full color IPS touchscreen for interaction with onboard software. - Max build volume: 9 in x 5.9 in x 5.5 in / 230 mm x 150 mm x 140 mm - Layer thickness: 0.004 in / 0.10 mm - 3.5" Full color IPS touchscreen - 4GB internal memory - Unpackaged Product Dimensions: 16.25 in x 13.5 in x 19.5 in - Unpackaged Product Weight: 27 lb

## Learn more at [hp.com](http://hp.com)

<sup>(1)(9)</sup> Not all features are available in all editions or versions of Windows 10. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows 10 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)(9)</sup> Intel's numbering is not a measurement of higher performance. 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. Intel, Pentium, Intel Core, Celeron, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries. <sup>(3)</sup> Up to 512MB of main system memory may be allocated to support video graphics. <sup>(4)(9)</sup> For storage drives, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB of drive is reserved for system recovery software. <sup>(6)(9)</sup> Internet access required and not included. Subscription required after expiration. McAfee, LiveSafe and the McAfee logo are trademarks or registered trademarks of McAfee, Inc. in the United States and other countries. <sup>(10)</sup> Internet access required and not included. <sup>(10)(9)</sup> Internet access required and not included. Availability of public wireless access points limited. Registration required. <sup>(11)</sup> Part of the total system memory (RAM) is used for graphics/video performance. System memory dedicated to graphics/video performance is not available for other use by other programs. <sup>(12)</sup> Wireless access point and Internet service required and not included. Availability of public wireless access points limited. <sup>(23)</sup> Intended for your original content and other lawful purposes. Do not copy copyright protected material. <sup>(24)</sup> Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. <sup>(25)</sup> Actual speeds may vary. <sup>(31)</sup> Free recycling in select countries. Program may not be available in your area. Check [www.hp.com/go/recycling](http://www.hp.com/go/recycling) to see if HP offers free recycling in your area. <sup>(32)</sup> High-definition (HD) content is required to view high definition images. <sup>(34)</sup> Subscription required after 90 days. <sup>(35)</sup> App availability varies by country. Supported on Windows 8.1 and above, Android and iOS operating systems. Free Snapfish membership required. Internet service required and not included. Print ordering for pick-up at select retailers available in U.S. only. <sup>(50)</sup> Copyright © 2014 Revel Software. All rights reserved. Pianotime is provided by Revel Software "as is." 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You are also solely responsible for the protection of your equipment and backup of your data, and Revel Software will not be liable for any damages you may suffer in connection with using, modifying, or distributing Pianotime. <sup>(56)</sup> For more information visit [hp.com/go/hpsupportassistant](http://hp.com/go/hpsupportassistant) [Link will vary outside of the U.S.] HP Support Assistant is available for Android and Windows based PCs. <sup>(57)</sup> Internet connection required for updating and connecting to HP Support. <sup>(58)</sup> ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. <sup>(64)</sup> Internet service required and not included. Click the Office icon for more details on the Office product that is right for you. Optional features sold separately or as add-on features. <sup>(65)</sup> Requires an Internet connection, not included, to an HP web-enabled printer and HP ePrint account registration. For complete details, see [www.hp.com/go/mobileprinting](http://www.hp.com/go/mobileprinting) <sup>(66)</sup> Hot keys on the Windows 10 keyboard will only function on a Windows 10 system. For full functionality of the share hot key, internet access is required and not included. Actual product may vary from image shown on datasheet. © Copyright 2015 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing shall be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. All other trademarks are property of their respective owners. 09/16\_r2 kc

## Software

<b>Sprout Workspace</b>	• <b>Sprout Workspace:</b> The hero experience of sprout, lets you be creative, capture and manipulate 2D or 3D objects, make crafts. • <b>Welcome to Sprout:</b> The "Getting Started" app makes learning sprout a breeze.
<b>Creativity</b>	• <b>CyberLink PowerDirector®:</b> The easiest and most flexible way to turn your most precious moments into amazing movies – in just seconds! <sup>(2)(3)</sup> • <b>Snapfish:</b> Enjoy your photos with access from any device, all in one place. Celebrate your memories with photo gifts and prints for delivery by mail, in-store pick-up, or print to any printer anywhere. <sup>(5)(9)</sup>
<b>Games and entertainment</b>	• <b>Microsoft Project Spark:</b> Powerful, yet simple way to build and play your own worlds, stories, and games • <b>Netflix®:</b> Watch movies and TV online or via DVDs with subscription. <sup>(1)(4)</sup> • <b>Piano Time®:</b> Piano Time is an engaging multi-touch piano application with built-in songs and configurable recording/playback features that make learning piano fun and entertaining. <sup>(5)(6)</sup>
<b>Communication and Chat</b>	• <b>Skype™:</b> Calling, seeing, messaging and sharing with others – wherever they are. <sup>(1)(4)</sup>
<b>Productivity and Tools</b>	• <b>Adobe Reader:</b> PDF reader • <b>Bing Translator:</b> Quickly translate what you are looking at. • <b>Three months of Evernote Premium included:</b> Keep your life on track and set reminders with Evernote. <sup>(1)(4)</sup> • <b>HP ePrint Driver:</b> Print from your favorite hotspot or when you have internet access with HP ePrint. Now you can print virtually anywhere. <sup>(8)(5)(6)</sup> • <b>HP Microsoft Edge Favorites for Sprout:</b> Go to a site by simply clicking its name. • <b>The Weather Channel®:</b> Weather app brings together over 200 meteorologists and our ultra-local TruePoint(sm) forecasting technology, to provide you with the most accurate weather forecast available. • <b>Office 365 Personal:</b> 1- month Office 365 Personal subscription included. Don't forget to activate. <sup>(6)(4)</sup>
<b>Security and Protection</b>	• <b>HP Recovery Manager:</b> Recover, restore, and create recovery media for your PC. • <b>HP Support Assistant:</b> With HP Support Assistant, enjoy immediate, always-on, self-help support built right into your PC, for the life of your PC, absolutely free. <sup>(5)(6)(7)</sup> • <b>McAfee® Central:</b> One, central location to manage their subscription, receive protection status updates, and have quick access to McAfee software features and support. <sup>(8)(9)</sup> • <b>McAfee® Livesafe 2013:</b> Free 1-year subscription of McAfee LiveSafe™ service included. McAfee LiveSafe service enriches your digital life by protecting your data, identity and all your devices so you can connect with confidence. <sup>(8)(9)</sup>

## Additional information

<b>Model number</b>	• 23-s310
<b>Product Number</b>	• M9Z28AA#ABA
<b>Ad embargo date</b>	• 08/21/2015
<b>UPC code</b>	• 889894335272
<b>Country of origin</b>	• China

