



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Pi Supply



Pi-Top Raspberry Pi Laptop

The Pi-Top Raspberry Pi Laptop is a laptop you build yourself! It's the perfect product to affordably and interactively learn about software and hardware on the Raspberry Pi!

Pi-Top Raspberry Pi Laptop Features:

- An all-in-one Raspberry Pi powered laptop with 10+ hours of battery life
- Fun build-it-yourself laptop (comes with easy image-based manual)
- Fully equipped with a keyboard, trackpad, screen, battery, charger and an 8GB SD card pre-formatted with our unique OS based on Jessie. 13.3? inch HD LCD screen and 262K colours (wide range of viewing angles)
- Practical and functional design with easy access to the Raspberry Pi in front via slidable acrylic slice.
- Free educational (MMORP) game included - CEED Universe
- Works with Raspberry Pi B+/2 & 3.
- Designed for ages 8+

Pi-Top Kit Contents

- 13.3" HD TFT LCD screen
- Pi-Top Laptop Chassis
- Pi-Top Hub
- Integrated Smart Battery
- Integrated Laptop Keyboard & Trackpad
- 5V 3A Power Brick (UK Plug)
- 8GB Pre-Loaded SD Card
- ***Please Note. Raspberry Pi is NOT included.***

Pi-Top is shipped with a revolutionary learning platform to expand your computer science knowledge. Our massive multiplayer online role-playing game CEED Universe takes you through a world of fantasy grounded in computing reality. Each Pi-Top comes with an 8GB Class 10 SD card pre-loaded with Pi-Top OS, a customised 'flavour' of Raspbian Jessie (the Raspberry Pi Foundation's official supported operating system). Connects to integrated cloud-based Pi-Top services allowing users to connect to their files and settings from any Pi-Top **Pi-Top OS** Pi-Top OS Directly interfaces with Pi-Top hardware for tasks such as:

- Battery life monitoring
- Screen brightness control
- Connecting to the internet in minutes
- Safe shutdown via power button
- Transferable unique user ID for easy data transfer
- Automatic cloud back-ups
- 3D Slash software for click & create 3D printing
- CEED Universe Features:
- An enhanced learning platform for teaching computing through an approachable and gamified multi-layered learning portal. Learn how to build hardware, circuits, and code.

- Teaches users practical computing and hardware skills
- Free with all Pi-Top kits
- Shaped around the UK IT curriculum (in over 40+ schools)
- Ages 8+
- Learn how to Code in a gamified environment
- Build circuits
- Make hardware (and apply it into our software)

Pi-Top Raspberry Pi Laptop Technical Specifications Screen

- 13.3" HD TFT LCD screen
- Anti-glare
- 1366 x 768 resolution
- eDP 1.2 interface
- 262K colours
- 3W power consumption

Pi-Top Hub

- Power Management
- Battery Connection
- Screen Driver
- PCB Rail Circuitry

Smart Battery:

- 43-watt-hour
- 10 hour run time
- Two-wire SMBus 2.0 Interface

- Advanced charge algorithms:
- JEITA recommended profiles with variable current
- Active cell balancing for extended lifetime
- Vast array of protection features: over-voltage, over-current, over-temperature, short-circuit and more.

Base/Chassis

- Injection moulded ABS
- Available in Grey or Green
- Keyboard: UK QWERTY
- Trackpad: Right-aligned, Both Tap-To-Click and physical mouse buttons, 65mm x 49mm
- Acrylic slice allows easy access to internal hardware - black laser etched surface easy to customise to school emblem or just for fun.
- Rubberised anti-slip surface contact points
- Product dimensions: 341mm x 209mm (WxD), Front thickness: 10mm, Rear thickness: 47mm

Peripherals Included

- 8GB Class 10 SD card preloaded with Pi-Top OS
- 18V, 3A brick-type power supply - available (UK plug)
- Tool kit for assembly
- HDMI Cable
- Micro USB Cable
- GPIO Breakout Cable
- Power Control Cable
- Keyboard USB Cable

