



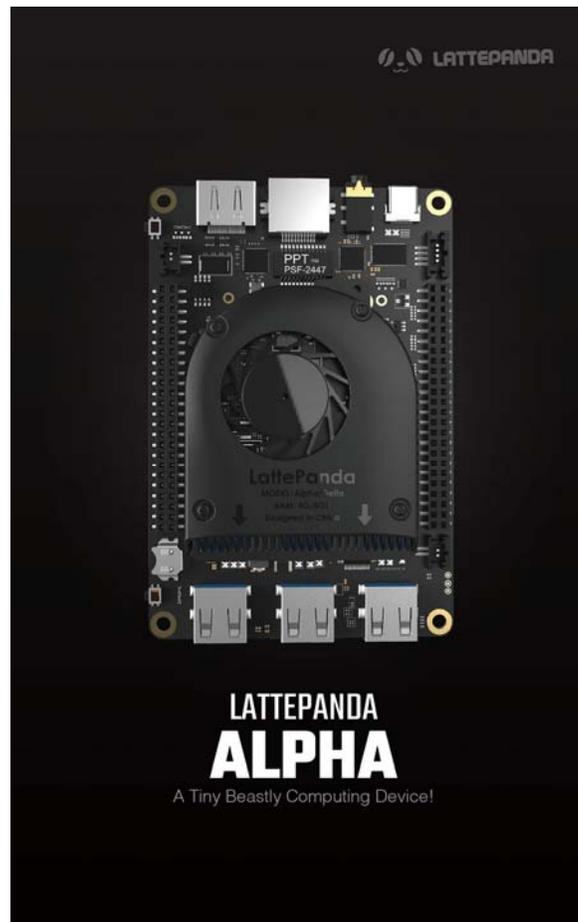
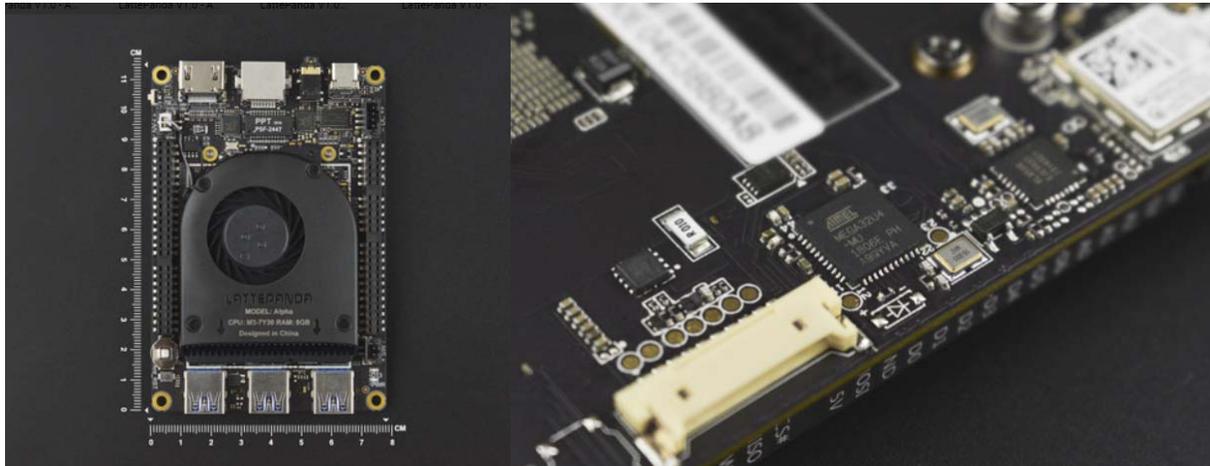
LattePanda Alpha 864s – Tiny Ultimate Windows / Linux Device (Pre-order)

SKU:DFR0546

Latest Updates(2019/03/03):

- Due to Intel's capacity problems, the supply of Alpha's CPU M3-7y30 will face a continuous shortage. To solve the problem, LattePanda team updated its **CPU to Intel 8th M3-8100y**, correspondingly, Alpha 864 models will be upgraded to **Alpha 864s**. It will **improve the whole performance 30% on the basis of previous 7th M3-7y30 version**.

- And now this new generation of LattePanda Alpha 864s is available to **pre-order**. The shipping period will be **around July** (we will update the shipping date in this page once it gets confirmed). Orders placed will be shipped in chronological order when new Alpha 864s is in stock.

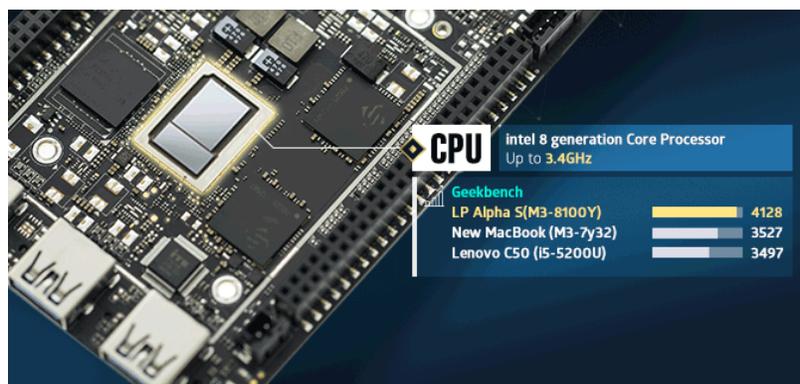


Alpha Edition - Generally refers to the leader in a wolf pack, α / Alpha. It will also be the leader in the LattePanda series, the most powerful in performance. Known as the leader of the Pandas, or "AlphaPanda" for short.



The Core m3 processor is the perfect choice for superior performance and low power consumption.

We have shrunk this computing monster from a laptop to the size of a phone.



WORLD'S FIRST HACKABLE COMPUTER SYNTHESIZED WITH **WINDOWS 10 PRO** SUPPLEMENTED WITH **LINUX UBUNTU** COMPATIBILITY

We are shipping Windows 10 Pro this time but we have also added Linux Compatibility, Windows and Linux dual OS support.

Because we saw the different needs of users from our 1st Gen products.



ULTIMATE NETWORKING ON CLOUD AND THINGS

 4.2 BLUETOOTH Multiple IoT Device Connectivity	 802.11 ^{AC} WIFI Delivers 3x faster WiFi speeds than 802.11n 2.4G + 5G Dual-Band	 GIGABIT ETHERNET Supports Remote Wake-up
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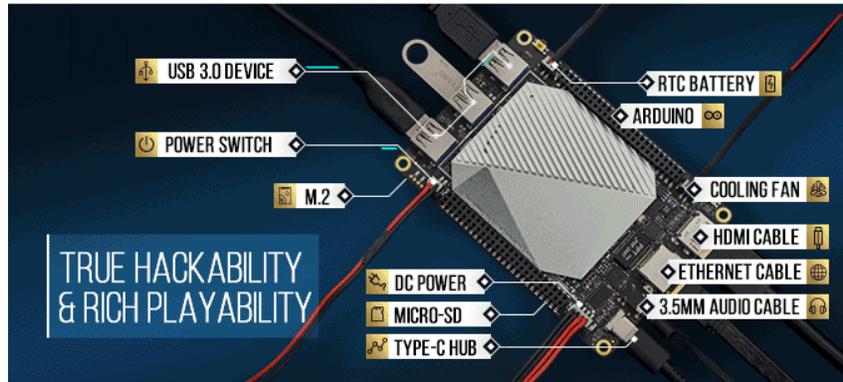
EXTENSIVE DISPLAY SUPPORT

DUAL 4K DISPLAY SUPPORTED

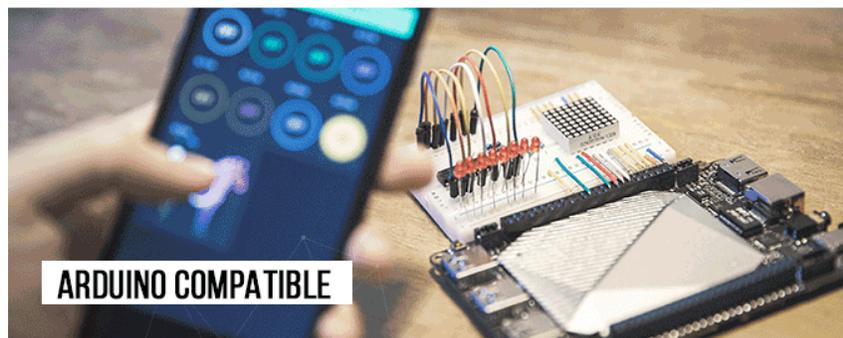
 4K ^{UHD} ENABLED Decode 4K video at 60 fps	 3 WAY VIDEO OUTPUT HDMI DP in USB-C eDP	 MODULAR INTERACTIVE TOUCH DISPLAY Thin frame, low cost embedded display
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UP TO 42 EXPANDABLE INTERFACES

TRUE HACKABILITY AND RICH PLAYABILITY



<p>INTEGRATED ARDUINO As Always comes with a Coprocessor</p>	<p>DUAL M.2 PORTS Supports NVMe SSDs Supports PCIe</p>	<p>USB TYPE C USB Power Delivery Supports Multiple</p>
<p>USB 3.0 3 USB 3.0 Ports Supports High Speed USB Peripherals</p>	<p>2x 50P Embedded Pin Headers Everything you need for Industry Compatible with thousands of sensors</p>	<p>AUDIO & MICRO SD Comes with the Fundamentals 3.5mm Audio with microphone</p>



PERFORMANCE **STYLED** FOR YOUR POCKET



POCKET SIZE

70%
OF IPHONE PLUS SIZE

ULTRA-THIN DESIGN

13.5MM
CONFINE INTO ANY SPACE

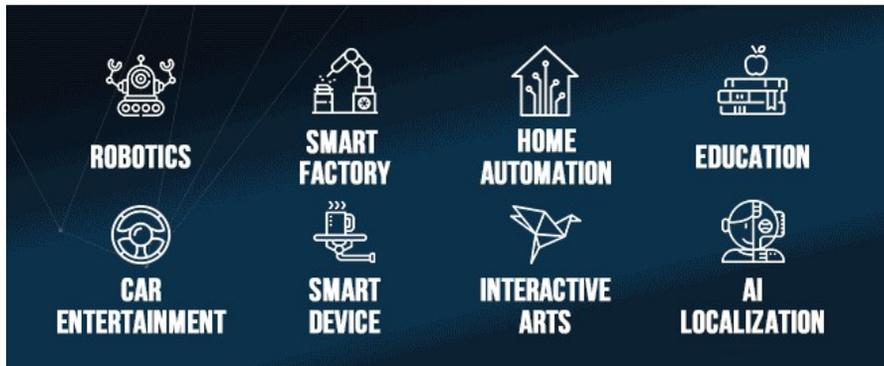
AUGMENT YOUR PRIMARY DEVICE JUST PLUG AND PLAY

The Streaming Cable enables your Windows-enabled LattePanda device to act like a USB on a Mac or Linux system. Just plug & play into your Apple/Linux device! The PiP (Picture in Picture) form also eliminates the switching/use of dual mouse and HDMI to connect different systems for seamless interaction of two different systems.



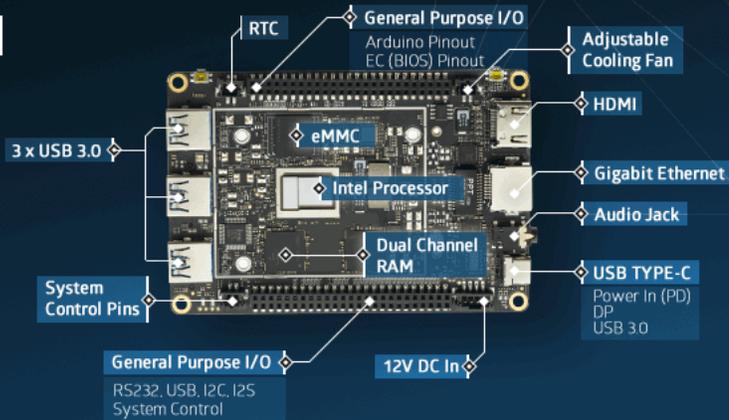
DESIGNED AS A **PRODUCTIVITY TOOL**

FROM PROTOTYPES TO PRODUCTIONS TO PRODUCTS – **ONE** SINGLE SOLUTION

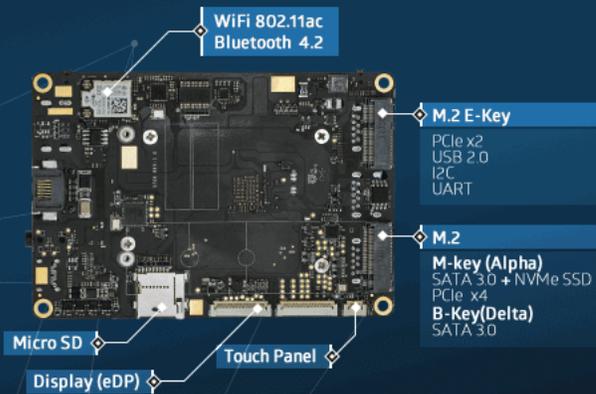


FEATURE DIAGRAM

FRONT



BACK



SPECIFICATIONS

LattePanda Alpha Review by ExplainingComputers LattePanda Alpha: Windows & Linux SBC

Play PUBG with this Powerful Single Board Computer LattePanda Alpha

The LattePanda Alpha First Look and PC Gaming Test

LattePanda Alpha External GPU Nvidia GT1030 - eGPU Test

LattePanda Alpha Emulation Test - GameCube PS2 PSP Dreamcast Naomi

1050ti LattePanda Alpha eGpu Test + Latte Panda Alpha Giveaway!

LattePanda Alpha Hackintosh macOS 10.14 Mojave - Smallest Hackintosh

RetroPie On The LattePanda Alpha - PS2 Gamecube Dreamcast PSP Test

LattePanda Alpha Review by Novaspirit Tech

Guide: LattePanda Alpha Hackintosh Intel M3-7Y30

LattePanda Alpha: Shenanigans with a powerful Single Board Computer

LattePanda Alpha 864s Review - How to Setup & Performance Test (PUBG Gameplay included)

FEATURES

- Solid Spec and Extreme Design
- Dual OS Support – Windows / Linux Both
- Ultimate Networking on Cloud and Things
- Up to 42 Extendable Interfaces bring Rich Playabilities
- Ultra-Thin Design, Minimizing Space Occupation
- Rebuild How to Code Efficiently with Multiple OS

SPECIFICATION

- CPU : Intel 8th m3-8100y
- Core : 1.1-3.4GHz Dual-Core, Four-Thread
- Benchmark (PassMark): Up to 4128, double computing power compared with same price range products in the market
- Graphics : Intel HD Graphics 615, 300-900MHz

- RAM : 8G LPDDR3
- Memory : 64GB eMMC V5.0l
- External Memory :
 - 1x M.2 M Key, PCIe 4x, Supports NVMe SSD and SATA SSD
 - 1x M.2 E Key, PCIe 2x, Supports USB2.0, UART, PCM
- Connectivity :
 - WIFI 802.11 AC, 2.4G & 5G
 - Dual Band Bluetooth 4.2
 - Gigabyte Ethernet
- USB Ports :
 - 3x USB 3.0 Type A
 - 1x USB Type C, supports PD, DP, USB 3.0
- Display :
 - HDMI Output
 - Type-C DP Support
 - Extendable eDP touch displays
- Co-processor : Arduino Leonardo
- GPIO & Other Features : 2x 50p GPIOs including I2C, I2S, USB, RS232, UART, RTC, Power Management, Extendable power button, everything you need
- OS Support :
 - Windows 10 Pro
 - Linux Ubuntu
- Dimension: 115mm * 78mm * 14 mm

DOCUMENTS

- LattePanda Website

SHIPPING LIST

- LattePanda Alpha 864 x1
- Free Gift - Active cooling fan x1
- Free Gift - 45w PD Power adapter x1

TUTORIAL



Pre-order Available For Latest Version of LattePanda

<https://www.dfrobot.com/product-1728.html?search=alpha/5-29-19>