INTRODUCTION

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 shrunken this computing monster from a laptop to the size of a phone.
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.
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.

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
- 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
  Gigabit 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

SHIPPING LIST
- LattePanda Alpha 800s   x1
- Free Gift - Active cooling fan x1
- Free Gift - 45w PD Power adapter x1