

LattePanda Delta 432 – Tiny Ultimate Windows / Linux Device

SKU:DFR0543

INTRODUCTION

LattePanda Delta is currently under the status of Pre-order and will be shipped in September. All pre-orders will be sent along with two free gifts - Active cooling fan & 45w PD Power adapter.



Delta Edition - Mathematical Character Δ ; a triangle. In terms of product design, performance, price and power consumption, it signals a compromise between the three. It keeps the perfect balancing. Balancing is always the best and reflects the beauty of engineering.

The Delta Edition uses an Intel 8th generation Celeron N4100 processor. This Celeron processor is the perfect choice for features and price as a main robotics controller, interactive project core, IoT edge device or AI brain. So LattePanda Delta is still x86 based SBC design. We have shrunken this computing monster from a laptop to the size of a phone.

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

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.



ULTIMATE NETWORKING ON CLOUD AND THINGS

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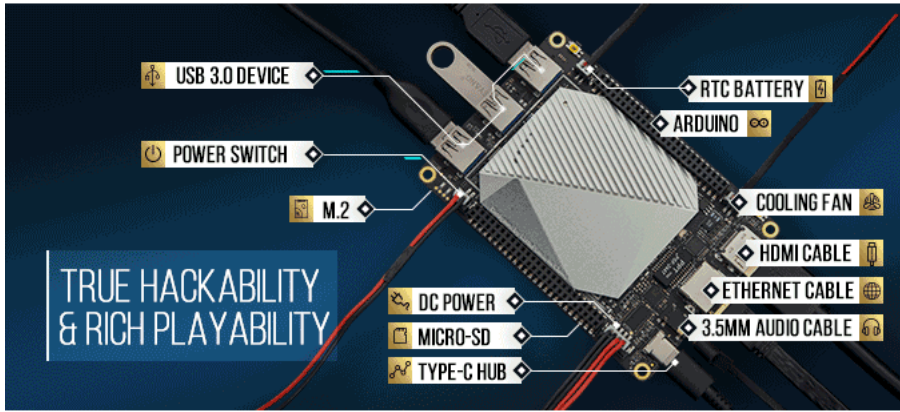
EXTENSIVE DISPLAY SUPPORT

DUAL 4K DISPLAY SUPPORTED

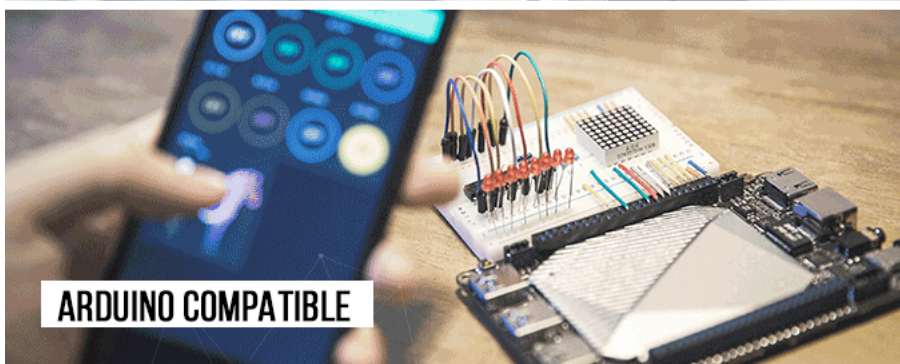
 <p>4K UHD ENABLED</p> <p>Decode 4K video at 60 fps</p>	 <p>3 WAY VIDEO OUTPUT</p> <p>HDMI DP in USB-C eDP</p>	 <p>MODULAR INTERACTIVE TOUCH DISPLAY</p> <p>Thin frame, low cost embedded display</p>
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UP TO 42 EXPANDABLE INTERFACES

TRUE HACKABILITY AND RICH PLAYABILITY



 <p>INTEGRATED ARDUINO</p> <p>As Always comes with a Coprocessor</p>	 <p>DUAL M.2 PORTS</p> <p>Supports NVMe SSDs Supports PCIe</p>	 <p>USB TYPE C</p> <p>USB Power Delivery Supports Multiple</p>
 <p>USB 3.0</p> <p>3 USB 3.0 Ports Supports High Speed USB Peripherals</p>	 <p>2x50P Embedded Pin Headers</p> <p>Everything you need for Industry Compatible with thousands of sensors</p>	 <p>AUDIO & MICRO SD</p> <p>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.

USING **WINDOWS-ONLY** SOFTWARE AND TOOLS ON **MAC DEVICES**

Visual Studio @ Apple



DESIGNED AS A PRODUCTIVITY TOOL
FROM PROTOTYPES TO PRODUCTIONS TO PRODUCTS – **ONE** SINGLE SOLUTION

ROBOTICS

SMART FACTORY

HOME AUTOMATION

EDUCATION

CAR ENTERTAINMENT

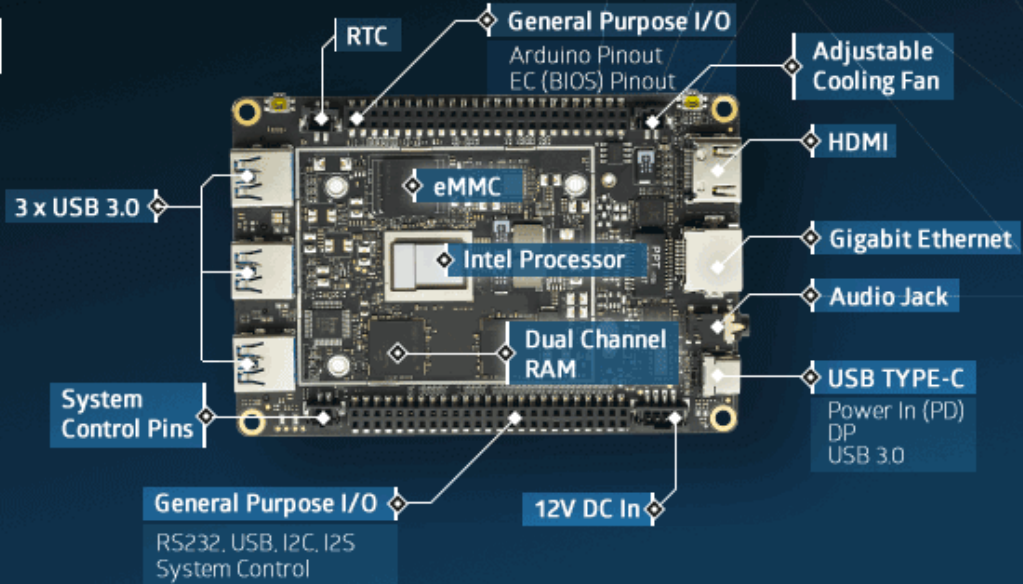
SMART DEVICE

INTERACTIVE ARTS

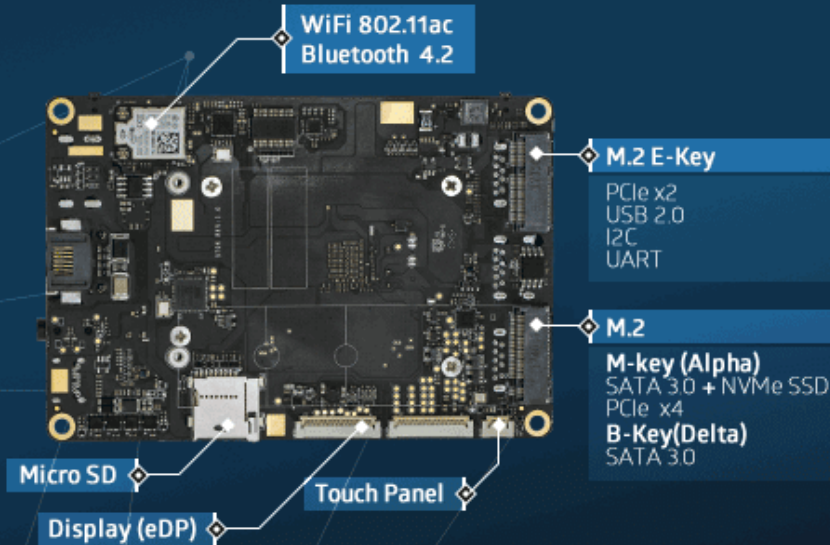
AI LOCALIZATION

FEATURE DIAGRAM

FRONT



BACK



SPECIFICATIONS

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 Gen Celeron Processor N4100
- Core : 1.1-2.4GHz Quad-Core, Four-Thread
- Benchmark (PassMark): Up to 1800+
- Graphics : Intel UHD Graphics 600, 200-700MHz
- RAM : 4G LPDDR4 2400MHz Dual-Channel
- Memory : 32GB eMMC V5.0l
- External Memory :
 - 1x M.2 B Key, PCIe 2x, Supports 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

SHIPPING LIST

- LattePanda Delta 432 x1
- Free Gift - Active cooling fan x1
- Free Gift - 45w PD Power adapter x1

