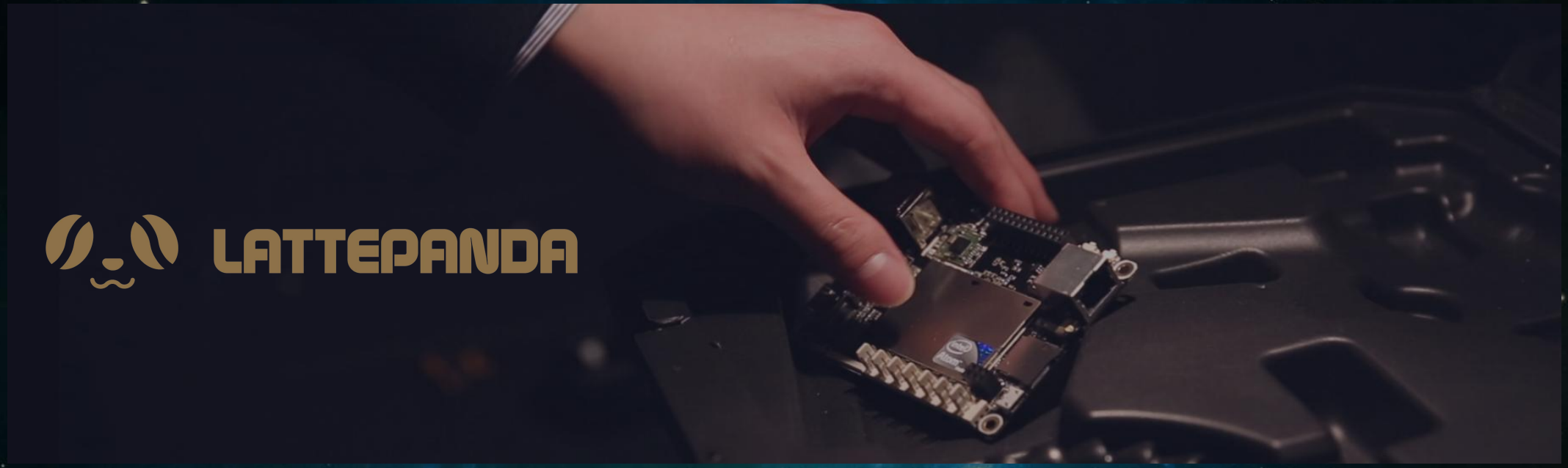
LATTEPANDA®

LattePanda 3 Delta

A Pocket-sized Hackable Computer for Mega Creativity

Brand Profile



LattePanda was founded by three makers in 2015. We provide innovative and accessible SBCs with the latest technology for makers and developers, to help them achieve ideas or projects without threshold.

Over the past seven years, LattePanda has expanded from makers to industry scenarios. Our products have become the key parts of various industrial projects, and fostering a strong developer community.

In near future, LattePanda strives to be the most innovative provider to creating solutions for IoT, edge computing, AI applications.

Brand Profile

2015

LattePanda Team was established.
LattePanda V1 came out and caught the attention of users around the world.

2016

LattePanda V1 funded successfully. **4,000+** backers pledged about **$600,000+** to help bring this project to life.

2017

Established a high-quality LattePanda community, and attracted **12,000+** registered users worldwide.

2018

LattePanda Alpha & Delta came out and raised **$600,000+** in crowdfunding.

2019

Optimized supply chain management and developed new services for the business partners.

2020

Explored the industrial application of LattePanda.

2021

The new LattePanda 3 Delta was **624%** funded in the crowdfunding campaign.

LattePanda 3 Delta

Faster than Ever

A Pocket-sized Hackable Computer for
Mega Creativity

New Arrival

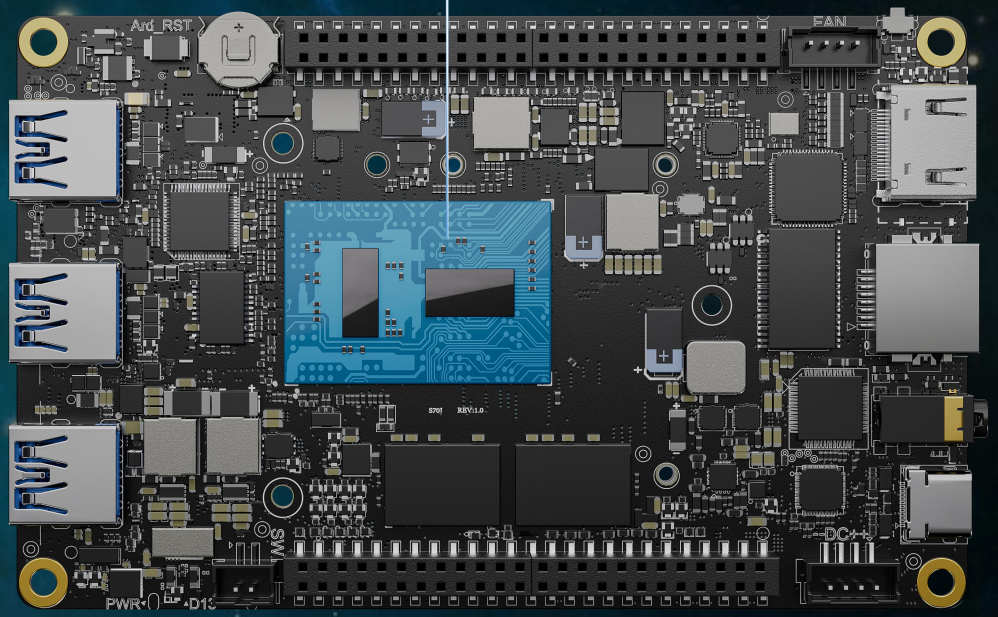
LattePanda 3 Delta - Faster than Ever

CPU - the Intel 11th generation mobile 4-core processor **N5105** with up to **2.9GHz** burst frequency.

2X **Faster CPU Performance**

3X **Faster GPU Performance**

*Compare to the previous generation

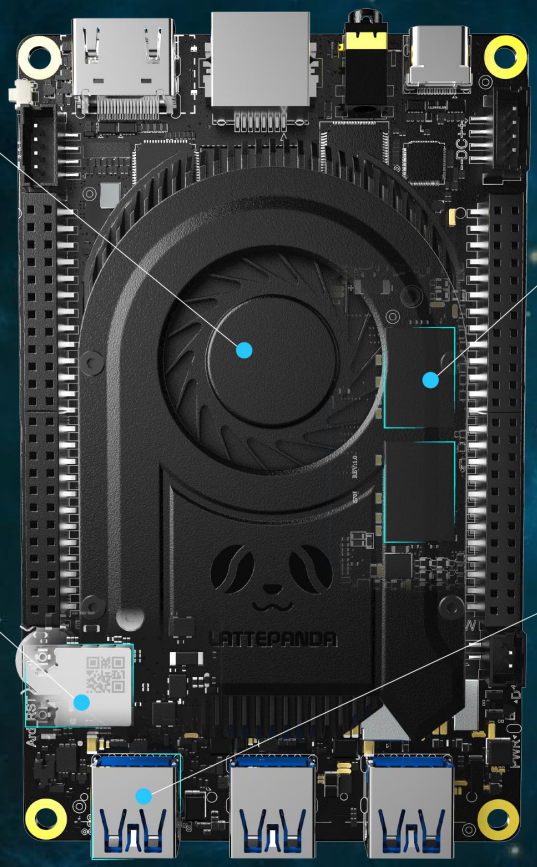


LattePanda 3 Delta - Faster than Ever

Better cooling sustains the best performance

50% larger cooling area

2x larger than the previous generation



8GB MEMORY

2933MHZ LPDDR4

WI-FI 6

Up to 2.4Gb/s throughput

USB 3.2 GEN2 X1

Up to 10Gb/s data transfer

2.7x faster than Wi-Fi 5

2x faster than USB 3.2 gen1 x1

LattePanda 3 Delta - Pocket Size

78% of iPhone 13 Pro Max Size

Previous
LattePanda Delta

LattePanda 3 Delta

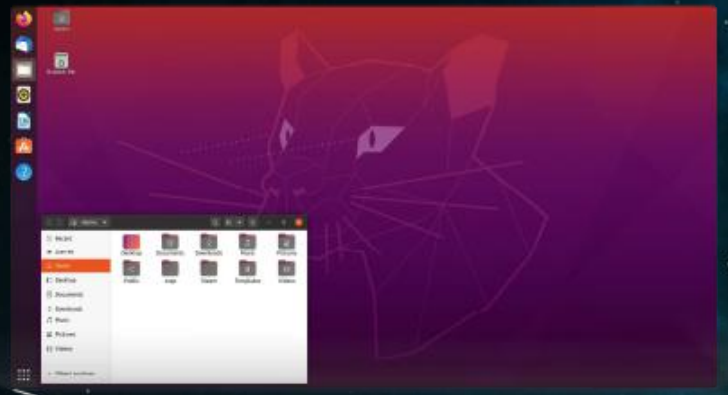
iPhone 13 Pro Max

Ultra-thin Design

16MM

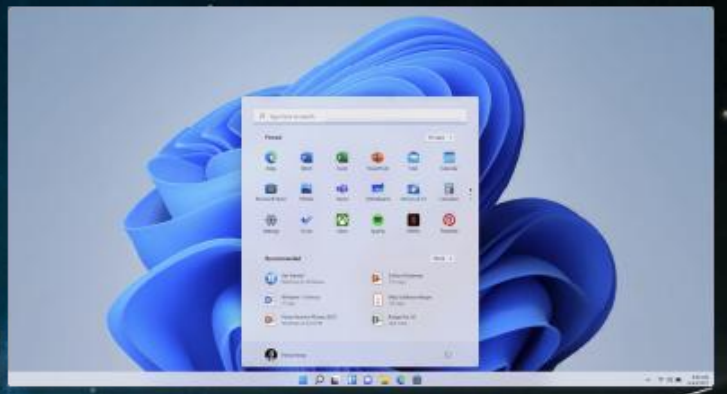
LattePanda 3 Delta - Windows & Linux Compatible

Ubuntu



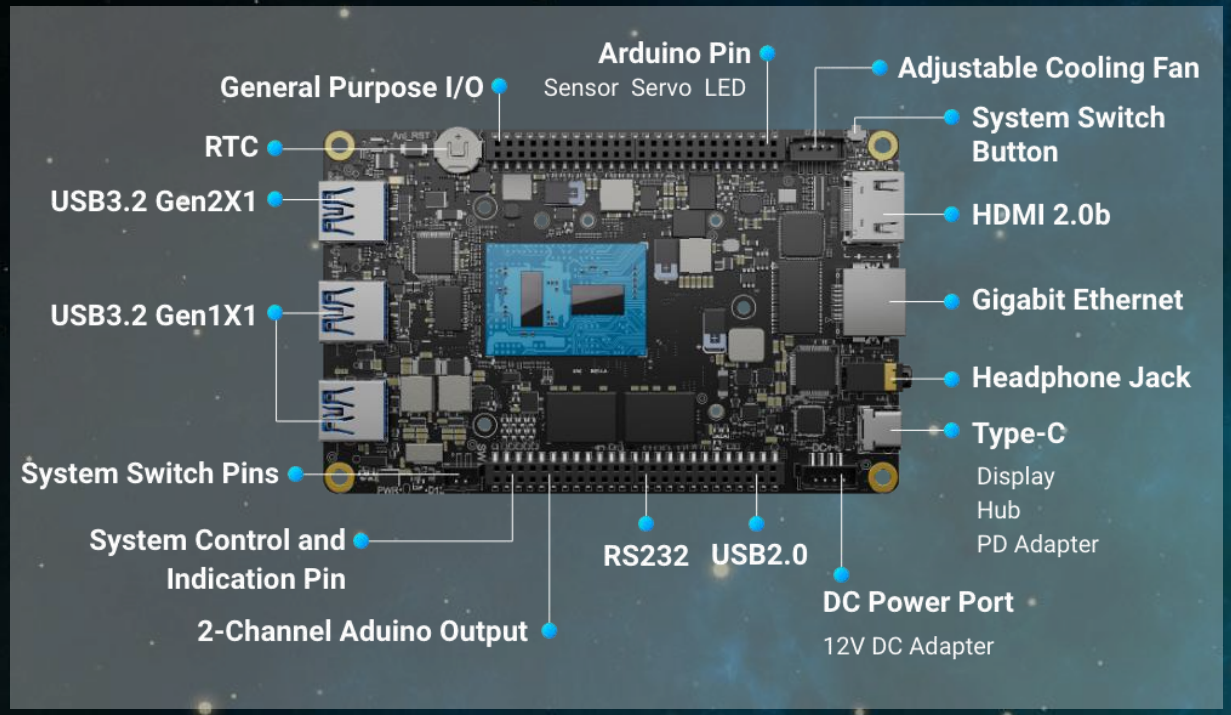
Windows 10

Windows 11



LattePanda 3 Delta supports both Windows 10 and Linux OS.
Moreover, Windows 11 can also be run on it.

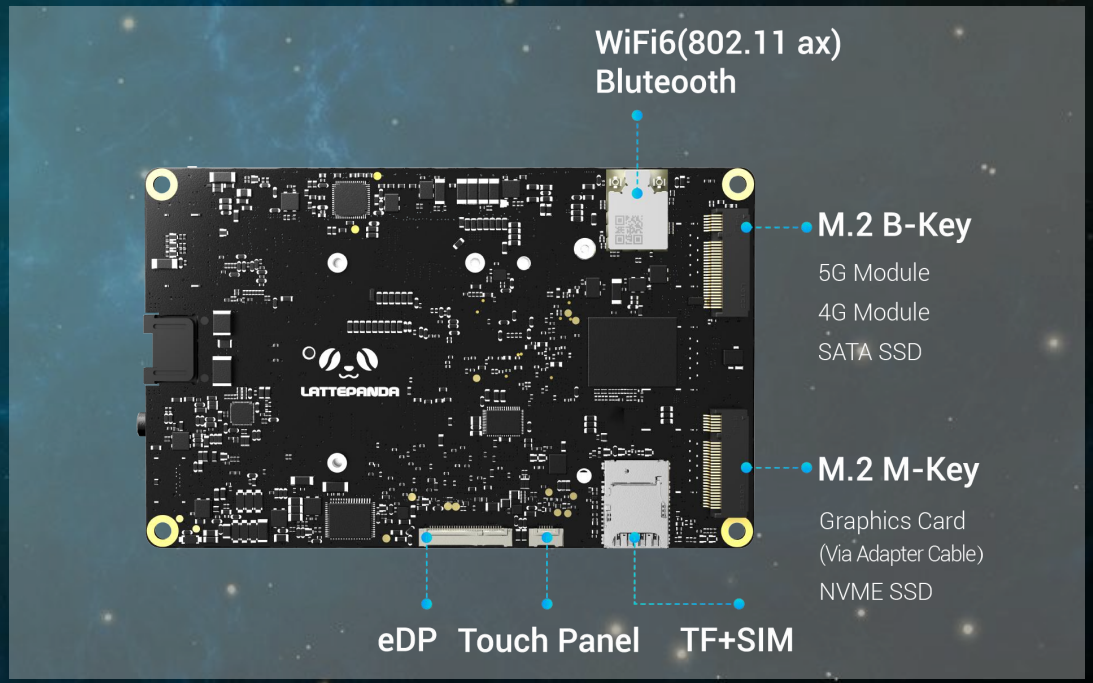
LattePanda 3 Delta - True Hackability and Rich Playability



Front

With up to 42 expandable interfaces, LattePanda 3 Delta can be connected to various devices.

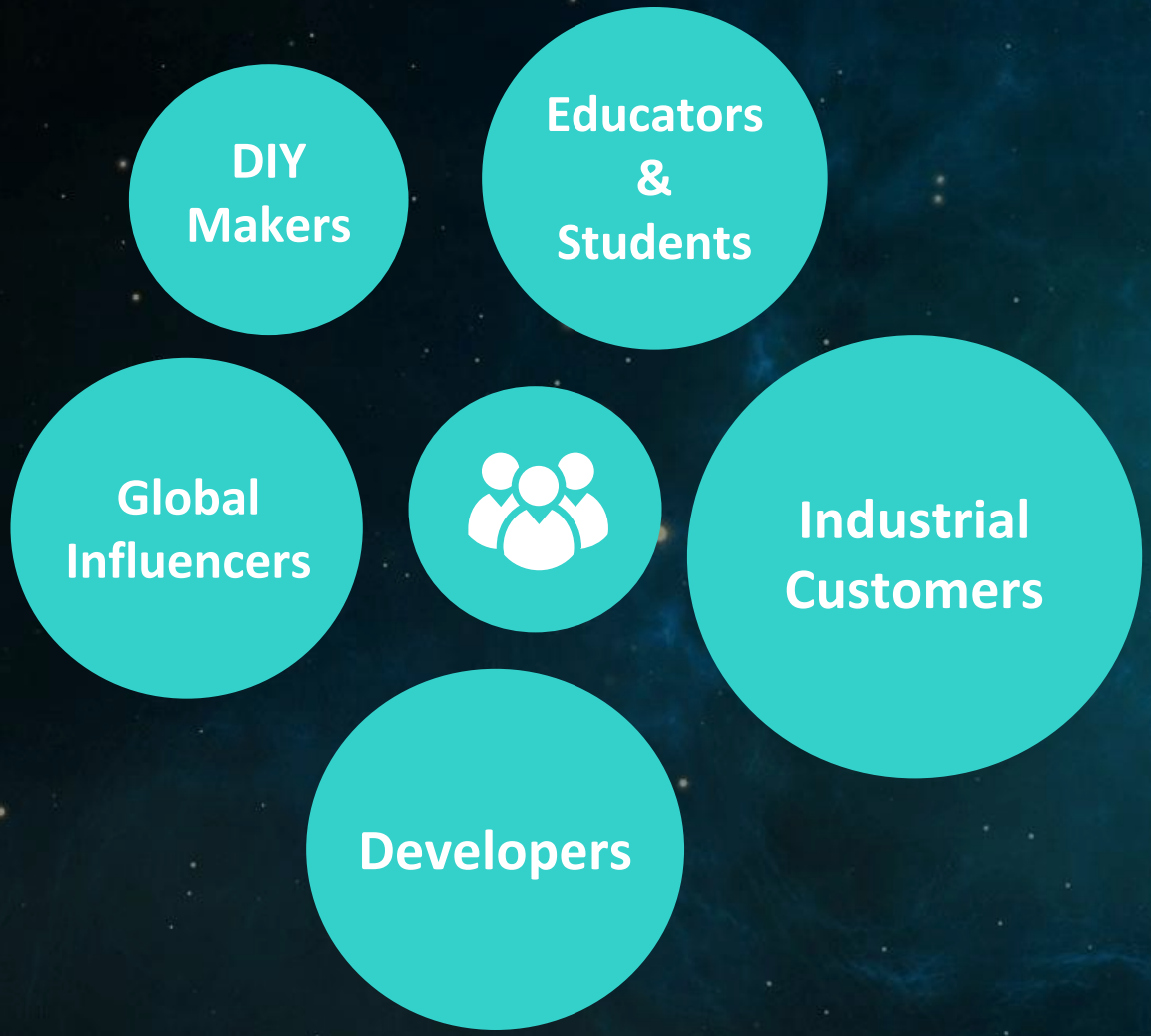
Back



*CLICK HERE to Learn more about LattePanda 3 Delta

Product	LattePanda V1	LattePanda Delta	LattePanda 3 Delta	UDOO BOLT V3	UP Xtreme i3
Picture					
Processor	Intel Atom® x5-Z8350	Intel® Celeron® N4100	**Intel® Celeron® N5105**	AMD Ryzen™ Embedded V1202B	Intel® Core™ i3-8145UE
CPU Spec.	4-Core,4-Thread 1.44 ~ 1.92GHz	4-Core,4-Thread 1.10 ~ 2.40GHz	4-Core,4-Thread 2.00 ~ 2.90GHz	2-Core,4-Thread 2.30 ~3.20 GHz	2-Core,4-Thread 2.20 ~3.90 GHz
CPU Benchmark (PassMark CPU Mark)	165	370	**793**	780	820
Memory	2GB/4GB DDR3L 1600MHz	4GB LPDDR4 2400MHz	**8GB** LPDDR4 **2933MHz**	None	8GB DDR4 2400MHz
Storage	32GB/64GB eMMC	32GB eMMC	64GB eMMC	32GB eMMC	64GB eMMC
Wireless	802.11n, 2.4G, up to 150Mbps Bluetooth 4.0	802.11 ac, 2.4G & 5G, up to 433Mbps Bluetooth 5.0	**802.11ax**, **2.4G & 5G(160MHz)**, Up to **2.4Gbps** **Bluetooth 5.2**	None	None
USB Ports	1x USB 3.0 Type-A 2x USB 2.0 Type-A	3x USB 3.0 Type-A 1x USB 3.0 Type-C	**1x USB 3.1** Type-A 2x USB 3.0 Type-A 1x USB 2.0 Type-C	2x USB 3.0 Type-A 2x USB 3.1 Type-C	4x USB 3.0 Type-A
Video	HDMI: Up to 1080P MIPI-DSI: Up to 1080P	HDMI: Up to 4K DP(via USB-C):Up to 4K eDP: Up to 1080P	HDMI, Up to **4K HDR** DP(via USB-C), Up to **4K HDR** eDP. Up to 1080P	HDMI,Up to 4K DP(via USB-C), Up to 4K	HDMI, Up to 4K DP:Up to 4K eDP: Up to 1080P
M.2 Sockets	None	M.2 Key E: Suppot WiFi/BT Module M.2 Key M: Support NVME SSD	**M.2 Key B**: Support 4G module,**5G** module, SATA SSD M.2 Key M: Support NVME SSD	M.2 Key E: Support WiFi/BT Module M.2 Key B: Support SATA SSD M.2 Key M: Support NVME SSD	M.2 Key E: Support WiFi/BT Module M.2 Key M: Support NVME SSD
Operating System	Windows 10 Linux	Windows 10 Linux	Windows 10, **Windows 11** Linux	Windows 10 Linux	Windows 10 Linux
Dimension	88mm*70mm*22mm	115mm*78mm*14mm	125mm*78mm*16mm	120mm*120mm*50mm	120mm*122mm*30mm
Price (with onboard storage)	Start from $99	Start from $208	coming soon	Start from $365	Start from $529

Customer Group



- Young maker group and software developers.
- Mostly applied to instruments and apparatus, telecommunications, or other design and solution companies.
- Due to the universality of Windows and no need of skilled software development capabilities, more and more ordinary users also know about SBCs and LattePanda.
- More and more industry users have also noticed our products and started to explore new application scenarios in various industries.

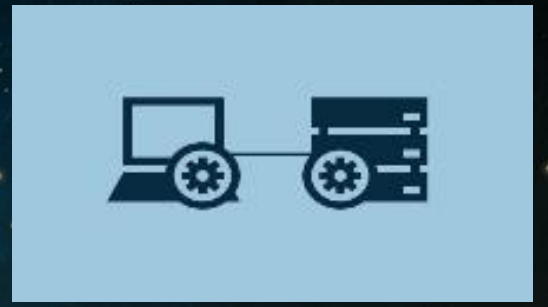
Applications Scenario

LattePanda can be widely used in artificial intelligence, Internet of Things, smart city, edge computing, smart home, face detection and recognition, artificial intelligence server, intelligent monitoring, voice recognition, cloud machine learning and other fields.

Automotive Electronics/ Central Control Platform

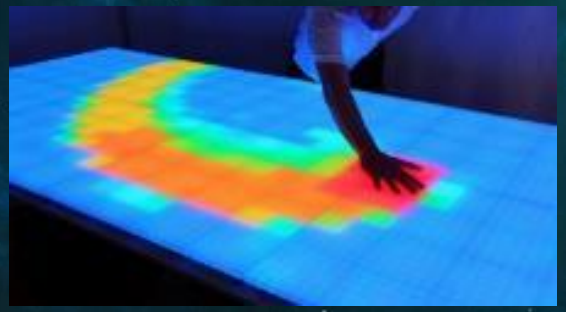
Education

Computer Science



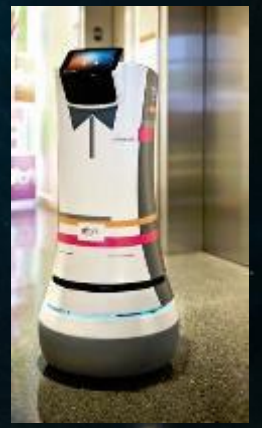
IoT Nodes, Smart Gateways, local Servers, NAS

Entertainment Device



Interactive Arts

Industrial Robot Control and Embedded System



Service Robot

Maker Projects

Portable Mini PC

Small and compact pocket PC, can install windows operating system, various kinds of software and games, all according to personal preferences. It is not only suitable for office and SOHO, but also convenient to carry for business trip or travel.

Gaming Console

Build a portable Emulation / Gaming Handheld using the LattePanda and accessories like the Tian Case and EDP Touch Screen Display.

Industrial Application

Gas/Charging Station Self-service Equipment

It's a kind of sale terminal for fuel stations, which was designed by one of our customers. we can use it for self-service payment and refuelling the car.

Digital Factory

With the trend of developing intelligent factories, the demand for data visualization is increasing day by day. Production line data reports require more immediacy and readability.

Service Robot

The development of service robots makes it easier for businesses to provide customized services to meet customer needs.

Amusement Machine

- There is a huge demand for equipment in places like casinos and amusement machine rooms.
- Has good cost performance under the premise of stable operation.

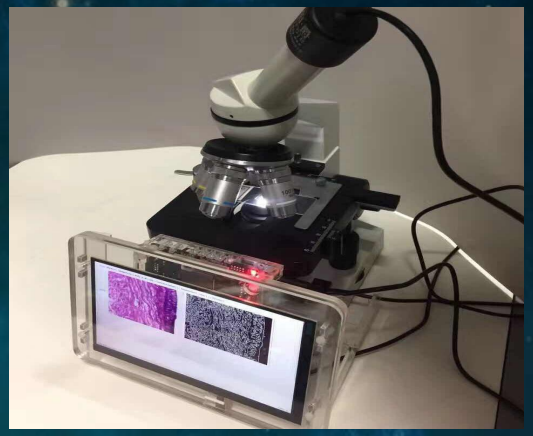
Industrial Application

POS Machine

Can be widely used in shopping malls, retail stores and other places.

Stage Light Tracking System

Stage tracking systems have improved performances in the traditional entertainment and audiovisual industries.



Intelligent Scientific Instrument

Automatic processing of instrumental results such as cell quantity statistics.

Automobile Center Console System

The upgrade of Automobile Center Console system, rich software ecology and expansibility.