



Data Sheet of LattePanda - 4GB/64GB with Enterprise License
(DFR0470-ENT)

INTRODUCTION

You are viewing a 4GB RAM LattePanda [Windows 10 mini PC](#) with 64GB eMMC memory. This model of LattePanda includes a activated edition of Windows 10 Enterprise LTSB.

A LattePanda is a complete Windows 10 single board computer. It has everything a regular PC has and can do anything that a regular PC does. It is compatible with almost every gadget you know: printers, joysticks, cameras and more. Any peripherals that work on your PC will work on a LattePanda.

A LattePanda comes **pre-installed** with a full edition of Windows 10 Home Edition, so you can run powerful tools such as Visual Studio, NodeJS, Java, Processing, and more. With existing APIs, you can develop your own software and hardware projects on a LattePanda like you would on a normal PC - C#, Javascript, Ruby etc. Say goodbye to your bulky laptop!

But wait! A LattePanda also includes an integrated Arduino compatible co-processor, which means it can be used to control and sense the physical world! Whether you are a Windows developer, IoT developer, DIY fanatic, interactive designer, robotics whizz, or maker, a LattePanda single board computer can aid your creative process!

We have updated the processor since LattePanda V1.0. All versions of the LattePanda now ship with an upgraded CPU (Intel Z8350 - up to 1.92GHz!)

SPECIFICATION

Intel Cherry Trail Z8350 Quad Core Processor

Base Frequency: 1.44GHz (1.92GHz Burst Frequency)

Operating System: Windows 10 Enterprise LTSB x64 with activate key

RAM: 4GB DDR3L

Storage Capacity: 64GB

GPU: Intel HD Graphics, 12 EUs @200-500Mhz, single-channel memory

USB 3.0 x 1, USB 2.0 x 2

Wi-Fi 802.11n 2.4G

Bluetooth 4.0

Integrated Arduino Co-processor: ATmega32u4 (Arduino Leonardo)

Video output: HDMI and MIPI-DSI

Onboard touch panel overlay connector

Zhiwei Robotics Corp.

Supports 100Mbps Ethernet
Intel Processor GPIO x 6
ATmega Processor GPIO x 20
Gravity Interface Connectors x 6
Voltage: 5V@2A
Board Dimensions: 88 x 70mm / 3.46 x 2.76"
Package Dimensions: 110 x 94 x 30 mm/4.33 x 3.70 x 1.18"
NET Weight: 55g
Gross Weight: 100g
RoHS, FCC and CE Compliant

DOCUMENTS

[Official Website](#)

[User Guide](#)

[Github Repository](#)

[3D Model](#)

[Compliance Certificates](#)

[Pin Mapping](#)

SHIPPING LIST

LattePanda 4G/64GB x 1
WiFi Antenna x 1
Printed Safety Precautions x 1
Windows10 Enterprise LTSC Activate Manual x 1