Part Number: DFR0418

Description: LattePanda – A Powerful Windows 10 Mini PC 2GB/32GB

INTRODUCTION

You are viewing a **2GB RAM** LattePanda [Windows 10 mini PC](#) **with 32GB eMMC memory**. It **does** include a Windows 10 OEM activation key, which will activate on the initial boot.

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 Home Edition
- RAM: 2GB DDR3L
- Storage Capacity: 32GB
- 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
- 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

SHIPPING LIST

- LattePanda 2G/32GB x 1
- WiFi Antenna x 1
- Printed Safety Precautions x 1