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LattePanda V1 - A Powerful Windows 10 Mini PC 4GB/64GB (Unactivated)

SKU:DFR0419



INTRODUCTION

You are viewing a **4GB RAM** [LattePanda](#) with **64GB internal memory**. It does not include a Windows 10 activation key.

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!



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

LattePanda V1 Selection Guide				
Product Name	LattePanda 2GB/32GB(Unactivated)	LattePanda 2GB/32GB(Activated)	LattePanda 4GB/64GB(Unactivated)	LattePanda 4GB/64GB(Enterprise License)
SKU	DFR0444	DFR0418	DFR0419	DFR0470-ENT
System		Windows 10 HOME		Windows 10 Enterprise LTSC
Type	64-bit			
CPU	Intel Cherry Trail Z8350			
Memory	2GB		4GB	
Storage	32GB		64GB	
Co-processor	ATmega32u4			
Wireless	Wi-Fi: IEEE 802.11n Bluetooth 4.0			
Dimensions	88mm x 70mm			
Recommended Reasons In Short	The Cheapest Development Board in LP Family	Activated Win10 Home	Better Performance	Windows 10 Long Term Servicing Branch

SPECIFICATION

- Intel Cherry Trail Z8350 Quad-Core Processor
- Base Frequency: 1.44GHz (1.92GHz Burst Frequency)
- Operating System: Windows 10 Home Edition (Unactivated)
- 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)



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- 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](#)