

KIT0200

KIT0200 includes the following products

- DFR1146 LattePanda Mu (N100,8GB RAM,64GB eMMC)
- FIT0981 LattePanda Mu Active Cooler
- DFR1142 Lite Carrier for LattePanda Mu

DFR1146 LattePanda Mu (N100,8GB RAM,64GB eMMC)

CPU

- Intel® Processor N100
 - Cores: 4
 - Max Turbo: 3.4GHz
 - Cache: 6MB
 - TDP: 6~35W configurable

Memory

- LPDDR5 8GB
 - Speed: 4800MT/s
 - ECC: Support IB ECC

Storage

- eMMC 5.1 64GB
 - Speed: HS400

BIOS

- AMI UEFI 128Mbit SPI BIOS

Graphs

- Intel® UHD Graphics
 - EU: 24
 - Max Turbo: 750MHz
 - 3D Acceleration: DirectX 12.1; OpenGL 4.6; Vulkan 1.2

Display

- eDP 40Pin Connector
 - Support: eDP 1.4b
 - Max Resolution: 4096 x 2160 @ 60Hz
- Digital Display Interface

- Support: DisplayPort 1.4; HDMI 2.0
- Max Resolution: 4096 x 2160 @ 60Hz
- Max Outputs: 3

I/O

- PCIe 3.0: up to 9 lanes
- SATA 3.0: up to 2 ports
- USB 3.2 (10Gbps): up to 4 ports
- USB 2.0 (480Mbps): 8 ports
- Audio: HD Audio; I2S
- Camera: MIPI CSI-2, up to 8 lanes
- SPI: Yes, for second BIOS ROM and discrete TPM
- SMBus: Yes
- I2C: SoC 4 Ports
- UART: SIO 1 Port; SoC 3 Ports
- GPIO: up to 64 pins expanded by shift registers

Power

- Supply Voltage:
 - VIN: 9~20V
 - RTC Battery: 3V

Operating System

- Official Support:
 - Windows 10 Enterprise LTSC
 - Windows 11
 - Ubuntu 22.04 LTS

Environment

- Operating Temperature: 0~60°C
- Operating Humidity: 0~80% relative humidity, non-condensing

Dimensions

- 69.6 x 60mm

FIT0981 LattePanda Mu Active Cooler

- Compatible motherboard: LattePanda Mu
- Operating voltage: 5V
- Operating current: 0.35A
- Maximum rotational speed: 4000 RPM
- Wire length: 105mm
- Interface type: PH2.0-4P
- Dimensions: 69.6 * 50.4 * 19mm

- Material: Aluminum alloy
- Weight: 69g

DFR1142 Lite Carrier for LattePanda Mu

Power Input

- USB Type-C: 15V (Max 3A)
- DC 5.5x2.5mm: 12~20V (Max 10A)

Internal Interfaces

- PCIe 3.0 x4 slot (only available when using 12V power supply)
- M.2 M Key 2230 (PCIe 3.0 x1)
- M.2 E Key 2230 (PCIe 3.0 x1, USB2.0)
- RTC battery socket (CR1220 3V)
- CPU fan socket
- Gravity-4P UART
- Gravity-4P I2C

External Interfaces

- USB 3.2 10Gbps x2
- Gigabit Ethernet
- USB 2.0 x2
- HDMI 2.0

Dimensions

3.5 inches, 146mm×102mm

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