Manuals+ — User Manuals Simplified.

Firefly StationP1 Geek Mini PC User Manual

Contents

Firefly StationP1 Geek Mini PC

Update history

Version	Date	Details
V1.0	2020-5-25	Original version

Overview

Small and portable, it is equipped with a metal case and can be used immediately when powered on. It possesses Firefly Geek Entertainment System — Station OS on which the Desktop and Media modes can be switched randomly to finish daily office work or play games for fun. It can be easily updated to various systems like Android, Ubuntu and Phoenix OS, satisfying geeks' needs of operating multiple systems freely.

1. **Six-core Processor**

   Adopts six-core 64-bit processor (dual-core Cortex-A72 + quad-core Cortex-A53), frequency up to 1.8GHz, with 4GB LPDDR4 dual-channel memory and 32 GB eMMC high-speed storage.

2. **High-definition Display**

   Integrated a Mali-860 MP4 quad-core graphics processor and supports DP1.2 video output and 4K@60Hz video output with HDMI 2.0. In this way, you can enjoy the Ultra HD display when playing games or watching videos.

3. **Portable Mini PC**

   As a hand-held device, it is small and portable enough to put in the pocket. You can carry it everywhere to work at any time.

4. **All Aluminum Alloy Case**

   It adopts all aluminum alloy case, black matte sawtooth, and the convection design on its surface for effective heat dissipation even with fanless.

5. **Geek Entertainment System**

   It supports Firefly Geek Entertainment System — Station OS. The system has both Desktop and Media modes that support the seamless switching among study, entertainment, and office work.

6. **Easy Flash and Flexible Use**

   It can be flashed easily and quickly operating systems like Android, Ubuntu and Phoenix OS. Thus you can enjoy multiple systems on one device.

7. **Multiple Boot Modes**

It supports the boot modes of TF card, EMMC, SSD, and USB flash drive, making the system run-up more convenient and efficient.

8. **Rich Interfaces**

It possesses rich expansion interfaces including HDMI2.0 (up to 4K@60Hz), Type-C (DP1.2 video output + USB3.0), USB2.0, USB3.0 and gigabit Ethernet, etc.
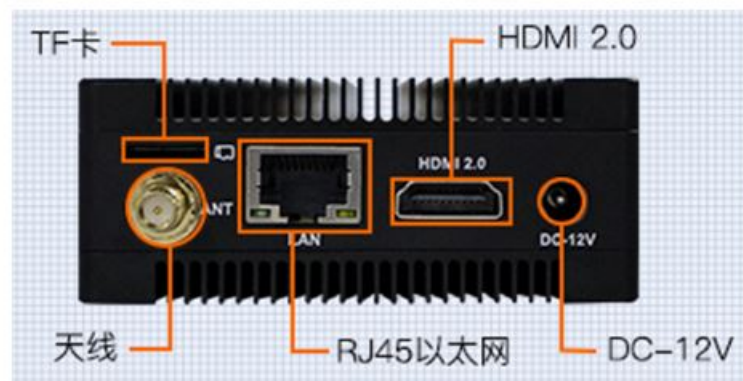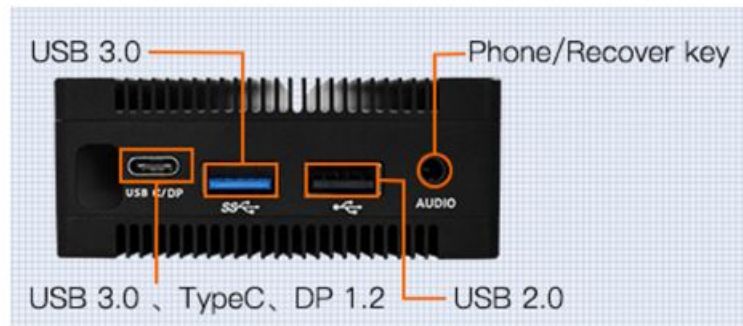
Product Specification

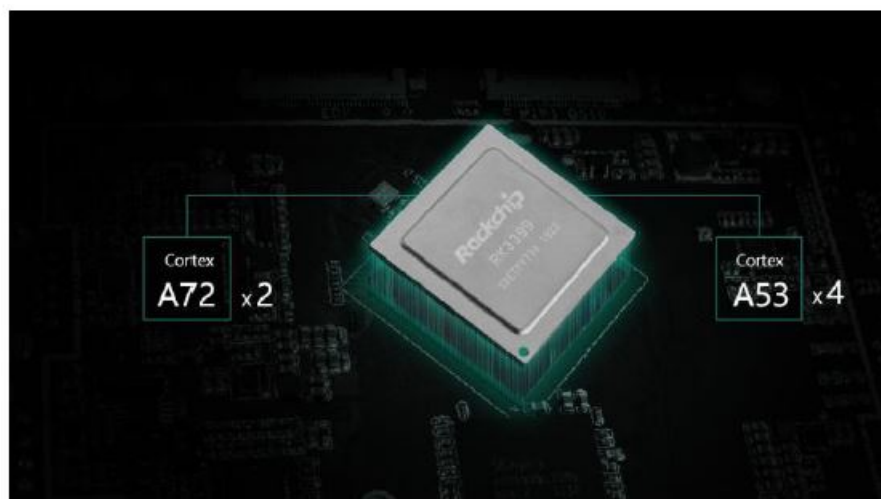| Specification	
CPU	ROCKCHIP RK3399, Six-core 64-bit(Dual-core A72+ Quad-core A53) processor, frequency up to 1.8GHz
GPU	Mali-T860 MP4 Quad-core GPU, support OpenGL ES1.1/2.0/3.0/3.1, OpenVG1.1, OpenCL, DX11
VPU	Up to support 4K H.265 10Bbit @60fps video decoding, support multi-channel 1080P video decoding and encoding
RAM	4GB LPDDR4 dual-channel 64-bit RAM
Storage	32GB eMMC (16GB/64GB/128GB Optional), onboard 16MB SPI-Flash, Support for TF card expansion
Hardware Features	
Wireless	WiFi 2.4GHz 802.11b/g/n, Bluetooth 4.2(support BLE)
Ethernet	10/100/1000Mbps Gigabit Ethernet (RJ45 interface)
Display	HDMI 2.0a, support 4K@60Hz display, support HDCP 1.4/2.2 DP 1.2, support 4K@60Hz display, output through Type-C. Supports simultaneous display of HDMI and DP, up to 4K + 2K output
Audio	1 x 3.5mm audio output
USB	1 x USB 2.0 1 x USB3.0, 1 x Type-C OTG (USB3.0 + DP1.2)
Key	1 x Recovery
IR	Support infrared remote control
Power	DC12V-2A(Power interface 5.5*2.1mm)
Audio	1 x 3.5mm audio output
USB	1 x USB 2.0 1 x USB3.0, 1 x Type-C OTG (USB3.0 + DP1.2)
Key	1 x Recovery
IR	Support infrared remote control
Power	DC12V-2A(Power interface 5.5*2.1mm)
OS / Software	
OS	Station OS, Android, Ubuntu
Appearance	
Appearance	All aluminum alloy, black matte surface
Size	124.4 mm × 79 mm × 31.6 mm

PCB Size

124.4 mm

31.6 mm

79 mm

Interface

Product introduce

Six-core Processor
Adopts six-core 64-bit processor (dual-core Cortex-A72 + quad-core Cortex-A53), frequency up to 1.8GHz, with 4GB LPDDR4 dual-channel memory and 32 GB eMMC high-speed storage.

High-definition Display
Integrated a Mali-860 MP4 quad-core graphics processor and supports DP1.2 video output and 4K@60Hz video output with HDMI 2.0. In this way, you can enjoy the Ultra HD display when playing games or watching videos.

portable Mini PC
As a hand-held device, it is small and portable enough to put in the pocket. You can carry it everywhere to work at any time.
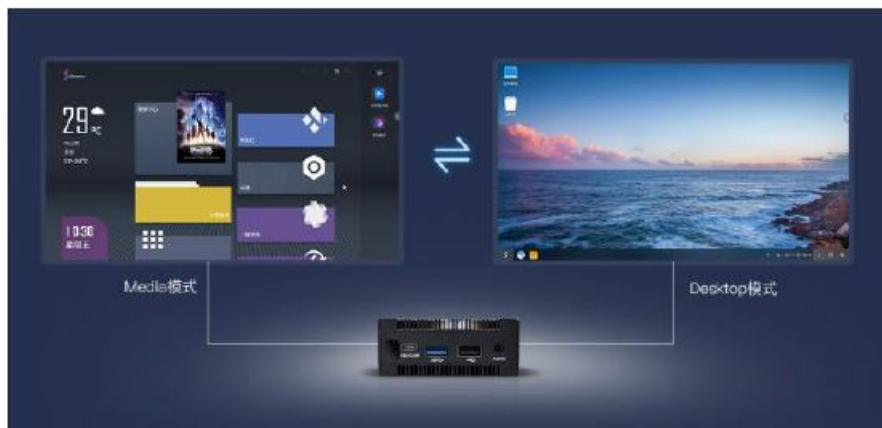

All Aluminum Alloy Case
It adopts all aluminum alloy case, black matte sawtooth, and the convection design on its surface for effective heat dissipation even with fanless.

Geek Entertainment System
It supports Firefly Geek Entertainment System — Station OS. The system has both Desktop and Media modes that support the seamless switching among study, entertainment, and office work.
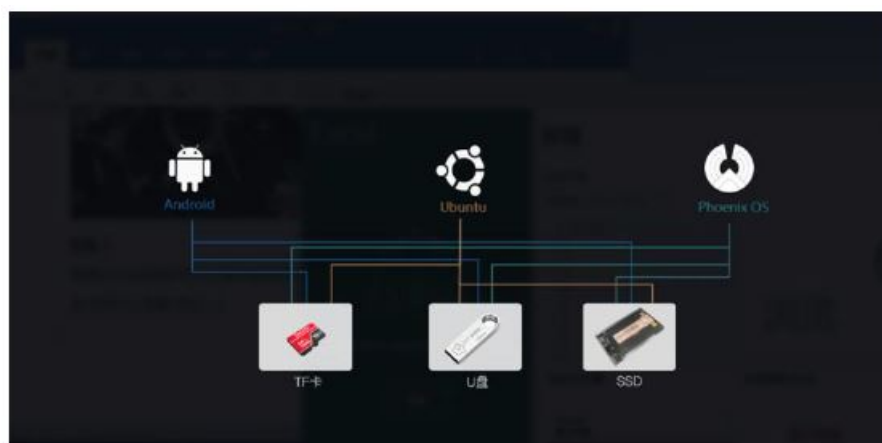
Easy Flash and Flexible Use
It can be flashed easily and quickly operating systems like Android, Ubuntu and Phoenix OS. Thus you can enjoy multiple systems on one device.
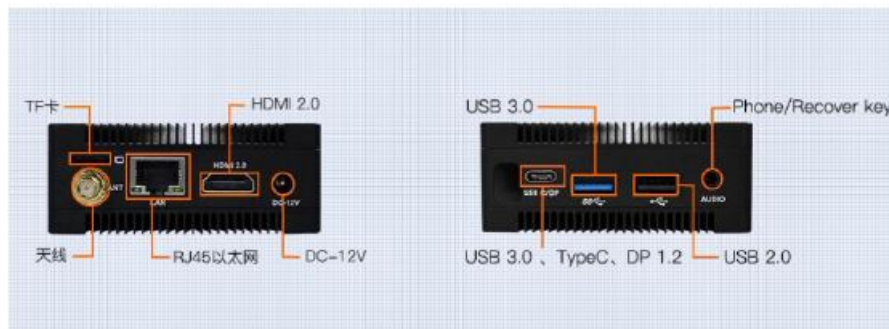

Multiple Boot Modes
It supports the boot modes of TF card, EMMC, SSD, and USB flash drive, making the system run-up more convenient and efficient.

Rich Interfaces
It possesses rich expansion interfaces including HDMI2.0 (up to 4K@60Hz), Type-C (DP1.2 video output + USB3.0), USB2.0, USB3.0 and gigabit Ethernet, etc.

About us

Company introduction

T-Chip Intelligent Technology Co., Ltd. was founded in 2005. It is a national high-tech enterprise. We focus on the research and development, design, production and sales of open source intelligent hardware, internet of things and digital audio products, and provide the overall solution for intelligent hardware products meanwhile. The open-source brand "firefly" has an open-source community and online shopping mall on the Internet. At present, it has more than 200000 users and more than 5000 enterprise users, accelerating the R & D process for many technology entrepreneurs and start-ups, and providing professional technical services.

T-CHIP INTELLIGENCE TECHNOLOGY CO.,LTD.

Website **www.t-firefly.com** Tel 4001-511-533 Zip Code 528400 Addr Room 2101, Hongyu Building, #57 Zhongshan 4Rd, East District, Zhongshan, Guangdong, China.

Business communication

E-mail **sales@t-firefly.com**

Shopping Mall

store.t-firefly.com
t-firefly.taobao.com

FCC warning

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Documents / Resources

Firefly StationP1 Geek Mini PC [pdf] User Manual
STATION-P1, STATIONP1, 2AXTJ-STATION-P1, 2AXTJSTATIONP1, StationP1 Geek Mini PC

References

- ☆ **Home - Firefly Aerospace**
- **|Firefly**
- **|Firefly**
- **-**
- **-**
- **Firefly | è®©ç§'æŠ€æ›´ç®€å•ï¼Œè®©ç"Ÿæ´»æ›´æ™ºèƒ½**