

TINKER 2 FANLESS CASE

Aluminum Case for Tinker Board 2 Series



Features

- Fanless design: Great heat conductive with fanless support
- Screwless Installation: Single thumb screw for instant installation
- High peripheral extensibility: Reserved I/O for antenna and accessory extension

Specifications

Mechanism	Material	Aluminum
	Support Motherboard	Tinker Board 2 Tinker Board 2S
Front Interface	Ethernet	1 x RJ45
	USB	2 x 2 USB
	MIPI DSI	1 x MIPI 22-pin
Back Interface	Memory Card	1 x Micro SD (TF) card
	LED	x 3
	Antenna	x 2
	MIPI CSI	1 x MIPI 15-pin
Side Interface	HDMI	1 x HDMI
	DC-in	1 x 5.5 mm DC
	GPIO door	1 x 40-pin GPIO
Other Interface	Camera door	x 1
Mechanical	Mounting (option)	Wall-mount kit / VEAS-mount kit / DIN rail kit
	Dimensions	91 x 67 x 45 mm
	Weight	235 G
Environment	Operating Temp.	0 ~ 40°C
	Storage Temp.	-40 ~ 85°C
	Relative Humidity	10 ~ 95% (non-condensing)

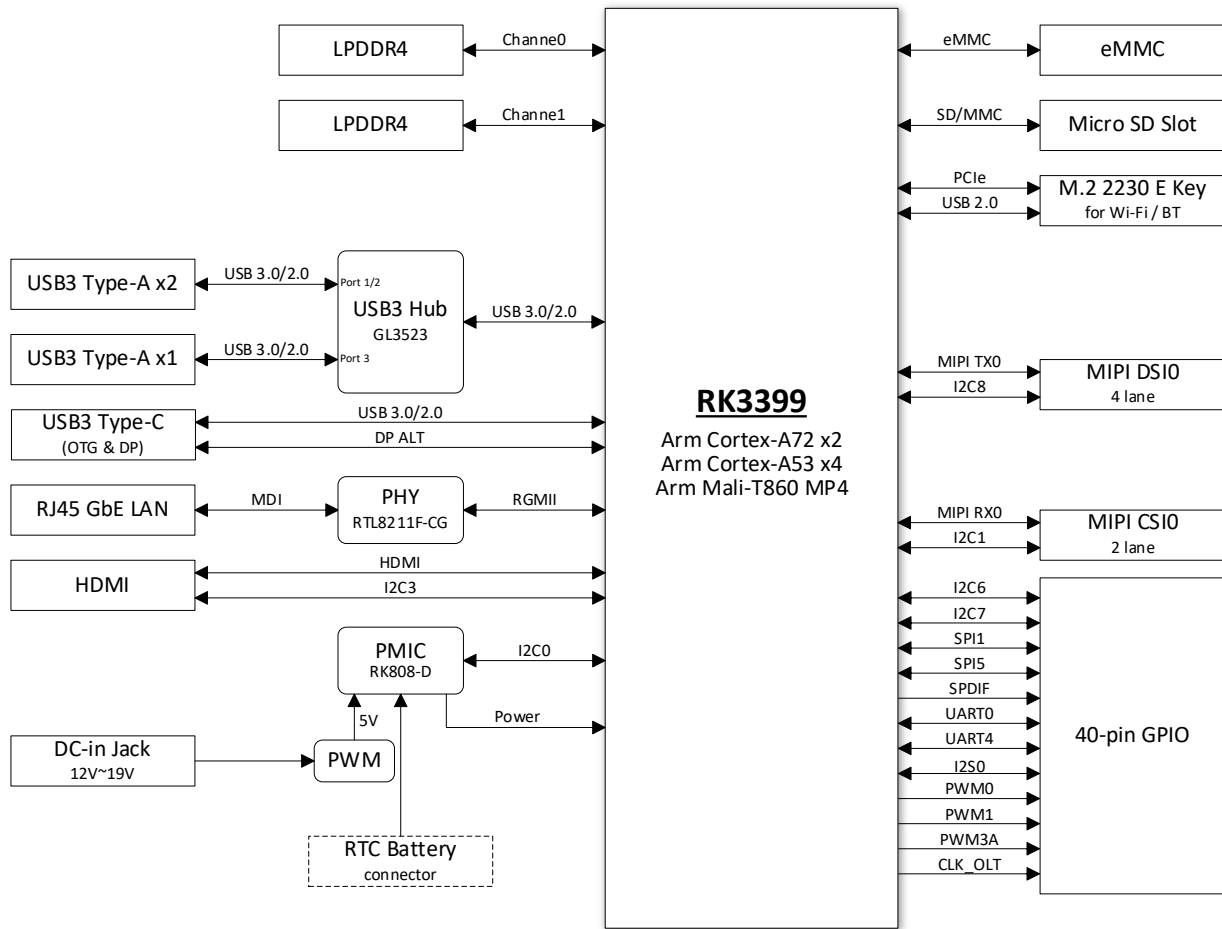
Ordering Information

PN	Model Name	Description
90AN00B0-MOXAY0	TINKER 2 FANLESS CASE	ALUMINIUM CASE

Packing List

Item#	Description
1.	1 x Tinker 2 Fanless Case
2.	1 x Thermal module
3.	2 x Thermal pads
4.	1 x Thumbscrew
5.	1 x Quick Start guide

Block Diagram



Ordering Information

PN	Model Name	Description
90AE00K0-*	PE1000N/NANO	Arm SBC, Rockchip RK3399 Hexa-core, 2GB LPDDR4, HDMI, MIPI-DSI, MIPI-CSI, 12~19V DC in

Packing List

Item#	Description
1.	1 x Power Connector Adapter
2.	1 x Wall Mount Kit
3.	2 x Wi-Fi/BT Antennas

Optional Accessories

Item#	Description
LTE Module	DC 19V/2.37A or 19.5V/3.33A (5.5/2.5mm)
LTE Antenna	DC 19V/3.42A or 19.5V/2.31A (5.5/2.5mm)
GPS Antenna	Aluminum Fanless Case
Adapter	MIPI to LVDS/eDP converter board
Power Cord	
Din Rail Kit	

*Accessories will be shipped separately

Power Adapter 45W

DC 19V/2.37A or 19.5V/3.33A (5.5/2.5mm)

Ordering Information

PN	Model Name	Description
90AN00D0-M0AAY0	45W ADAPTER/US	United States
90AN00D0-M0BAY0	45W ADAPTER/BR	Brazil
90AN00D0-M0CAY0	45W ADAPTER/CN	China
90AN00D0-M0EAY0	45W ADAPTER/EU	European Union
90AN00D0-M0EAY1	45W ADAPTER/UK	United Kingdom
90AN00D0-M0EAY2	45W ADAPTER/CH	Switzerland
90AN00D0-M0EAY3	45W ADAPTER/ZA	South Africa
90AN00D0-M0EAY4	45W ADAPTER/IL	Israel
90AN00D0-M0IAY0	45W ADAPTER/IN	India
90AN00D0-M0JAY0	45W ADAPTER/JP	Japan
90AN00D0-M0SAY0	45W ADAPTER/AR	Argentina
90AN00D0-M0TAY0	45W ADAPTER/TW	Taiwan
90AN00D0-M0UAY0	45W ADAPTER/HK	Hong Kong
90AN00D0-M0UAY1	45W ADAPTER/AU	Australia
90AN00D0-M0UAY2	45W ADAPTER/KR	Korea

Power Adapter 65W

DC 19V/2.37A or 19.5V/3.33A (5.5/2.5mm)

Ordering Information

PN	Model Name	Description
90AN00C0-M0AAY0	65W ADAPTER/US	United States
90AN00C0-M0BAY0	65W ADAPTER/BR	Brazil
90AN00C0-M0CAY0	65W ADAPTER/CN	China
90AN00C0-M0EAY0	65W ADAPTER/EU	European Union
90AN00C0-M0EAY1	65W ADAPTER/UK	United Kingdom
90AN00C0-M0EAY2	65W ADAPTER/CH	Switzerland
90AN00C0-M0EAY3	65W ADAPTER/ZA	South Africa
90AN00C0-M0EAY4	65W ADAPTER/IL	Israel
90AN00C0-M0IAY0	65W ADAPTER/IN	India
90AN00C0-M0JAY0	65W ADAPTER/JP	Japan
90AN00C0-M0SAY0	65W ADAPTER/AR	Argentina
90AN00C0-M0TAY0	65W ADAPTER/TW	Taiwan
90AN00C0-M0UAY0	65W ADAPTER/HK	Hong Kong
90AN00C0-M0UAY1	65W ADAPTER/AU	Australia
90AN00C0-M0UAY2	65W ADAPTER/KR	Korea