

## ASUS TINKER BOARD 2 development board 1.5 MHz RK3399

**Brand :** ASUS

**Product code:** 90ME01N0-M0EAY0

**Product name :** TINKER BOARD 2

- Outstanding performance for IoT devices: Powered by 6-core Rockchip RK3399 system on a chip (SoC) with the new 64-bit Armv8 architecture, plus multi-core Mali-T860.
  - Easy setup tool: Intuitive software for performance tweaking, with simple three-step initial configuration.
  - Pro-grade admin: ASUS IoT Cloud Console for data management and analysis, plus support for firmware over-the-air (FOTA) roll-out.
  - Android 10 support: Benefit from better 3D computing performance, support for the Android Neural Networks API 1.2 and Adiantum encryption with 5X-better efficiency.
- Rockchip RK3399, 6-core, Dual-CH LPDDR4 2GB, 1 x RTL8211F-CG GbE LAN, 1 x M.2 - 802.11 a/b/g/n/ac wireless & BT 5.0, 3 x USB 3.2 Gen1 Type-A, 1 x USB 3.2 Gen1 Type-C, 1 x 12~19V DC, 85 x 56 mm



Processor		Ports & interfaces	
Processor frequency *	1.5 MHz	Audio port type	I2S
Processor manufacturer *	Rockchip	Bluetooth	✓
Processor model *	RK3399	Bluetooth version	5.0
Processor cores	6	S/PDIF out port	✓
64-bit computing	✓	HDMI ports quantity	1
Processor boost frequency	2 GHz	UART	✓
Memory		GPIO interface	✓
Maximum internal memory *	2 GB	I2C interface	✓
Internal memory type *	LPDDR4-SDRAM	Integrated LAN	✓
Memory channels	Dual-channel	SPI interface	✓
Compatible memory cards	MicroSD (TransFlash)	I2S interface	✓
		PCM interface	✓
Ports & interfaces		Power	
Wi-Fi *	✓	DC input voltage	12 - 19 V
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Weight & dimensions	
Ethernet LAN *	✓	Height	85 mm
Ethernet interface type	Gigabit Ethernet	Width	56 mm
USB version *	3.2 Gen 1 (3.1 Gen 1)	Operational conditions	
USB ports quantity *	4	Operating temperature (T-T)	0 - 60 °C
USB 3.2 Gen 1 (3.1 Gen 1) ports quantity	4	Storage temperature (T-T)	-40 - 85 °C



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