

## ASUS Tinker Board R2.0 development board Rockchip RK3288

**Brand :** ASUS

**Product code:** 90ME03D1-M0EAY0

**Product name :** Tinker Board R2.0



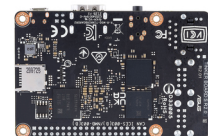
Rockchip RK3288-CG.W, ARM Mali™-T764 GPU, Dual-CH DDR3 2GB, Gigabit Ethernet, 802.11n, Bluetooth V4.2 + EDR, 4 x USB 2.0, RTL ALC4030U

ASUS Tinker Board R2.0. Processor manufacturer: Rockchip, Processor model: Rockchip RK3288.

Maximum internal memory: 2 GB, Internal memory type: DDR3-SDRAM, Memory channels: Dual-channel.

Wi-Fi standards: 802.11g, Wi-Fi 4 (802.11n), Ethernet interface type: Gigabit Ethernet, Audio port type:

3.5mm. MultiVolt I/Os: 3.3,5 V. Height: 85.5 mm, Weight: 55 g, Width: 54 mm



| Processor                 |                            | Ports & interfaces          |             |
|---------------------------|----------------------------|-----------------------------|-------------|
| Processor manufacturer *  | Rockchip                   | Ethernet LAN (RJ-45) ports  | 1           |
| Processor model *         | Rockchip RK3288            | HDMI ports quantity         | 1           |
| Processor cores           | 4                          | UART                        | ✓           |
| Memory                    |                            | GPIO interface              | ✓           |
| Maximum internal memory * | 2 GB                       | I2C interface               | ✓           |
| Internal memory type *    | DDR3-SDRAM                 | MPI DSI interface           | ✓           |
| Memory channels           | Dual-channel               | MPI CSI interface           | ✓           |
| Compatible memory cards   | MicroSD (TransFlash)       | Integrated LAN              | ✓           |
| Ports & interfaces        |                            | SPI interface               | ✓           |
| Wi-Fi *                   | ✓                          | I2S interface               | ✓           |
| Wi-Fi standards           | 802.11g, Wi-Fi 4 (802.11n) | PCM interface               | ✓           |
| Ethernet LAN *            | ✓                          | Features                    |             |
| Ethernet interface type   | Gigabit Ethernet           | MultiVolt I/Os              | 3.3,5 V     |
| USB version *             | 2.0                        | Weight & dimensions         |             |
| USB ports quantity *      | 4                          | Height                      | 85.5 mm     |
| Audio port type           | 3.5mm                      | Weight                      | 55 g        |
| Bluetooth                 | ✓                          | Width                       | 54 mm       |
| Bluetooth version         | 4.2+EDR                    | Operational conditions      |             |
| S/PDIF out port           | ✓                          | Operating temperature (T-T) | 0 - 60 °C   |
|                           |                            | Storage temperature (T-T)   | -40 - 85 °C |



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### Catalog Object Cloud



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