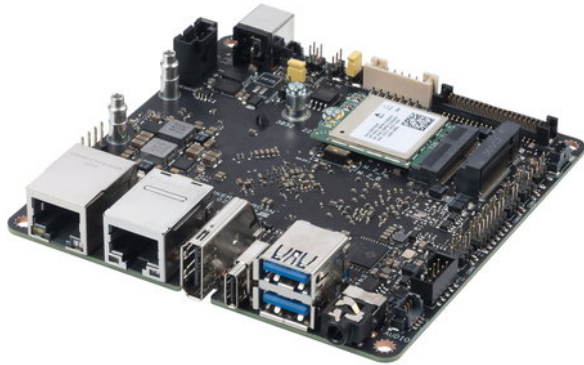




ASUS Tinker Board 3N LITE development board Rockchip RK3568

Model: 90ME06K2-M0EAY0

Manufacturer: ASUS

EAN: 4711387290491

Product Code: 408751

R11,885

Achieving interoperability, scalability and reliability, ASUS IoT Tinker Board 3N LITE single-board computers (SBCs) deliver Arm®-based power and versatility for embedded applications in NUC size.

ULTIMATE COMPUTING PERFORMANCE WITH NUC-SIZE DESIGN

With its versatile and modern 64-bit, quad-core ARM-based processor — the Rockchip RK3568 — ASUS IoT Tinker Board 3N LITE offers superior performance in NUC size. Powered by an ARM-based Mali™ -G52 GPU, Tinker Board 3N LITE offers smoother graphics processing and better data security, allowing for a wide range of applications in smart manufacturing and smart retail such as IoT

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gateways, human-machine interfacing (HMI), digital signage, self-service kiosk and more.

One of the key advantages of the Tinker Board 3N LITE is its advanced memory configuration to better fulfill diversified market requirement. Featuring LPDDR4X memory, the board offers better data-transfer rates and operates with just 55% of the energy required by LPDDR4, while also boasting 5X-lower power consumption in standby mode compared to DDR4.

OPTIMIZED THERMAL DESIGN

Tinker Board 3N LITE features an advanced thermal design including a low-profile pushpin heatsink and SoC placement on the back side for added strength and ease of installation, with its diminutive NUC-scale dimensions allowing for SWaP-constrained space deployment and flexible system integration.. With reduced thermal throttling, developers can push the limits of performance without compromising stability. It is also engineered to operate smoothly in harsh industrial environments, with an impressive operating-temperature range of 0 to 60°C — making it ideal for everything from outdoor use to hectic factory environments.

MULTIPLE DISPLAYS SUPPORTED

With LVDS support and dual-channel Full HD and eDP output, Tinker Board 3N LITE enables seamless integration into a wide range of display systems and thus saves much project deployment time and effort

IT MANAGEMENT SOFTWARE

ASUS IoT Cloud Console

AICC is a unified platform for managing and analyzing big data collected by IoT devices running different operating systems.

- Quick troubleshooting
- Remote restart or updates
- Dashboard and analysis

ASUS Industrial Android and Linux FOTA

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Tinker Board 3N LITE supports firmware over-the-air (FOTA) roll-out, enabling embedded systems developers using the board to be updated remotely with the mainstream and latest Android and Linux* firmware, operating system and drivers.

- Worldwide content-delivery network
- Easy deployment and maintenance
- FOTA progress report

SUPPORT FOR THE LATEST OPERATING SYSTEMS

Tinker Board 3N LITE supports a variety of the latest and mainstream operating system platforms, catering to different development environment needs. You have the flexibility to choose from Linux Debian, Yocto, and Android operating systems, ensuring compatibility with preferred software ecosystems.x

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