Item no.: 384158

BPI-RK3588 GOLD FINGER CORE BOARD V1.4 - -RK3588 Gold finger core board V1.4 (8GB RAM32GB EMMC)

from **221,11 EUR**

Item no.: 384158
shipping weight: 0.10 kg
Manufacturer: BPI

📄 Product Description

Banana Pi BPI-RK3588 adopts Rockchip RK3588 design, adopts core board + baseboard development board suite, supports 8G memory,32G eMMC storage, supports 32G maximum memory and 128G maximum EMMC storage, can be convenient for all kinds of development and flexible base plate customization quickly mass production of productsRK3588 is a new generation of flagship high-end processor launched by SWMC. It adopts 8nm process design and is equipped with eight-core CPU of quad core A76+ quad core A55, Arm high-performance GPU, and built-in NPU with 6T computing power. Have strong visual processing ability, can support structure light, TOF and other fast face unlock schemes; Support rich display interface, up to 8K display processing capacity; With strong expansibility, support PCI 3.0, SATA3.0, double TypeC/USB3.1 and other high-speed interfaces, can do AI computing power, image data processing and other expansion. Apply to ARMPC, high-end tablet, edge computing server, VIRTUAL reality, NVR, 8K TV, etc.The most important is pCI-E and SATA USB3.1 these IO are completeMain spec:- SoC RockChip RK3588- CPU quad ARM Cortex-A76 and quad Cortex-A55 consists of an eight-core CPU processor- GPU ARM Mali-G610 MP4,support OpenGL ES 1.1/2.0/3.2?OpenCL 2.2?Vulkan 1.1 Embedded - high-performance 2D acceleration hardware- NPU 6Tops@INT8 ?- Video decode Caffe/TensorFlow/TFLite/ONNX PyTorch/Keras/Darknet mainstream architecture model of a key transformation VPU support 8 k 60 FPS h. 265 / AVS2 Profile0 / VP9 video decoding- Video encode Supports 8K 30FPS H.265/H.264 video encoding- RAM support 2GB / 4GB / 8GB LPDDR4C- eMMC flash support 32GB / 64GB / 128GB eMMC- System Android 12.0 ,Linux support- Power current and voltage 12V/2A- operating temperature 0? ? 80??Measurement can reach -20 degrees to 85 degrees?

📄 Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability