Item no.: 384168

BPI-BASEBOARD FOR BPI-RK3588 - Baseboard for -RK3588 Gold Fingercore Board V1.3

from **153,74 EUR**

Item no.: 384168
shipping weight: 0.10 kg
Manufacturer: BPI

📄 Product Description

About BPI-RK3588 core board and kitBPI-KVM with Rockchip RK3568 for KVM-over-IP designBanana Pi BPI-RK3588 adopts Rockchip RK3588 design, adopts core board + baseboard development board suite, supports 8G memory, 32G eMMC memory, supports 32G maximum memory and 128G maximum EMMC memory, can be convenient for all kinds of development and flexible baseboard customisation fast mass production of productsRockchip RK3588chipRK3588 is a new generation of flagship high-end processor launched by SWMC. It uses an 8nm process design and is equipped with an eight-core CPU with quad-core A76+ quad-core A55, an arm high-performance GPU and an inbuilt 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 thing is pCI-E and SATA USB3.1 these IO are complete.Hardware- SOC: RockChip RK3588 - CPU: Quad Core A76+ Quad Core A55 ,use 8nm , 2.4GHz - GPU: ARM Mali-G610 MP4 GPU?Support OpenGL ES3.2 / OpenCL 2.2 / Vulkan1.1, 450 GFLOPS - NPU: 6 TOPS?Support INT4/INT8/INT16 mixed operation,Support framework switching of TensorFlow/MXNet/PyTorch/Caffe - Incode & Decode: incode?8K@60fps H.265/VP9/AVS2?8K@30fps H.264 AVC/MVC?4K@60fps AV1?1080P@60fps MPEG-2/-1/VC-1/VP8 ,decode?8K@30fps H.265 / H.264 - Ram: 4GB/8GB/16GB?up to 32GB?64bit LPDDR4/LPDDR4x/LPDDR5?Defalut LPDDR4 8GB - Flash: 16GB/32GB/64GB/128GB/256GB eMMC?support MicroSD card slot?Defaut :32GB

📄 Specifications

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