AGV controller Rockchip RK3588J AGV-RK3588J

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KEY FEATURES

- Rockchip RK3588J 4 x Cortex-A76 + 4 x Cortex-A55 processor
- OS: Ubuntu + Codesys Runtime, ROS
- GPU: ARM Mali-G610; NPU: 6 TOPS
- 1 x HDMI, 8192 x 4320 @30Hz
- 3 x USB 2.0 Host, 1 x USB 3.0 Type-C (OTG)
- 2 x RS232, 2 x RS485, 2 x SSI, 2 x CAN
- Wi-Fi 5/BT 5.4/ETH connectivity, CANOpen, EtherCAT

Description

The AGV controller Rockchip RK3588J AGV-RK3588J is distributed in Switzerland by DYNATIME SA for professional and industrial applications. It combines a resolution of 8192 x 4320 pixels, a Rockchip RK3588J processor and the Ubuntu operating system.

This embedded controller is designed for autonomous mobile robots (AMR) and automated guided vehicles (AGV). It combines computing power, NPU for artificial intelligence, and Codesys and ROS environments.

Typical applications

- Autonomous mobile robots (AMR)
- Automated guided vehicles (AGV)
- Vision and embedded AI

Technical specifications

Variant 1 (Basic version): Rockchip RK3588J, 8GB, 64GB	
Variant 2 (High Performance): Rockchip RK3588J, 16GB, 128GB	

Technical advice and quote

DYNATIME SA distributes this product in Switzerland from Marin (NE). Our team helps you choose the right version for your application and sends you a quote quickly.
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