

Model Information



■ Features

- Intel Atom D425 1.8GHz fanless design
- Intel ICH8M Chipset
- 1GB DDR3 Memory
- 2x GigaLAN / 6x USB 2.0 / VGA
- 2x RS232, 2x RS232/422/485
- Compact Flash Adapter / HDD Space
- miniPCIe Expansion + SIM
- Power Input 12V-24V

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EmRunner 5406

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■ Overview

The rugged EmRunner 5406, powered by Intel Atom D425 processor and Intel ICH8M chipset, offers fanless and low power consumption design.

The EmRunner 5406 provides a rich variety of features, including DDR3 memory, two Gigabit Ethernet LANs, 4 COM ports and 6 USB ports. On top of that, EmRunner 5406 has a miniPCIe card slot, supporting wireless or GPRS modules. Housed in a robust aluminium chassis, this systems fanless design offers noise-free, ultra reliable operating in the most demanding industrial environment.

■ System

CPU

Intel Atom D425 Processor
(512KB cache, 1.8GHz)

Chipset:

Intel ICH8M

Memory

1GB DDR3 (2GB max.)
1x 204-pin SoDIMM

I/O Interface Front

- 2x USB2.0 ports
- ATX power on/off button
- HDD access/power/LAN status LEDs
- 2x GbE LAN ports (Realtek RTL8111C Chipset)

I/O Interface Rear

- 4x USB 2.0 ports
- 1x DB15 VGA port
- 2x DB9 serial port RS232
- 2x DB9 serial port RS232/422/485
- 1x earphone-out
- 1x mic-in
- reset button
- 12-24V DC power input

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■ Storage

HDD/SSD 1x 2.5" SATA HDD drive bay

Flash 1x internal CF socket

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■ Chassis

Construction Aluminium chassis with fanless design

Expansion slot 1x miniPCIe + SIM

Dimensions 200x 130x 52mm

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■ Power Requirements

DC 12V - 24V DC on-board power support

AC 19V, 60W external power adapter

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■ Power Consumption

Full loading mode ca. 20W

Standby mode ca. 10W

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■ Environment

Operating Temp. 0°C - 50°C

Storage Temp. -20°C – 80°C

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■ Ordering Information

Part number 270
EmRunner 5406

Packing list EmRunner 5406 Embedded System
(incl. CPU 1.8GHz, 1GB DDR3 RAM)
Power supply
Driver CD, English documentation
1 x 2-pin apertable terminal block

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EmRunner 5406 front view

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