

Model Information



■ Features

- Intel Atom D2550 1.86GHz without fan, inkl. 2GB DDR3
- 1 x VGA / 1 x HDMI / 1 x DP
- 2 x GigaLAN / 5 x USB 2.0
- 4x RS232
- CFAST and SD Card Adapter
- 2 x Mini PCIe socket
- 12-24V DC
- HDD/SSD Space 2.5
- Dimensions 180 x 250 x 50mm

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EmRunner 5653

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■ Overview

The rugged EmRunner 5653, powered by the Intel Atom D2550 processor, offers fanless and low power consumption design. The EmRunner 5653 provides a rich variety of features, including DDR3 memory (max. 4GB), two Gigabit Ethernet LANs, VGA, Display Port and HDMI port, 4 COM ports and 5 USB ports. On top of that, EmRunner 5653 has two miniPCIe card slots, 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 D2550 Processor (1MB cache, 1.86GHz)
Memory	2GB DDR3 (4GB max.) 2x 204-pin SoDIMM
I/O Interface Front	<ul style="list-style-type: none">• HDD access/power/LAN status LEDs• 2xUSB 2.0 ports• CFAST and SD card access• ATX power on/off and reset button
I/O Interface Rear	<ul style="list-style-type: none">• 2x GbE LAN ports (Realtek RTL8111C Chipset)• 3x USB 2.0 ports• 1x DB15 VGA, 1x Display Port, 1 x HDMI port• 4x DB9 serial port RS232• 1x earphone-out, 1x mic-in

- 12-24V DC power input

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■ Storage

HDD/SSD	1x 2.5" SATA HDD drive bay
Flash	1x CFAST and 1x SD card socket

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■ Chassis

Construction	Aluminium chassis with fanless design
Expansion slot	2x miniPCIe for wireless/GPRS module
Dimensions	250x 180x 50mm

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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. 21W
Standby mode	ca. 7.5W

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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	209 EmRunner 5653
Packing list	EmRunner 5508 Embedded System (incl. CPU 1.8GHz, 2GB DDR3 RAM) Power supply Driver CD, English documentation 1 x 2-pin apertable terminal block

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