

Model Information



■ Features

- Atom D525 1.8GHz fanless
- 2GB DDR3
- 2 x GbE LAN / 4 x USB 2.0 / Audio
- 4 x RS232, 2x RS232/422/485
- External SIM card holder
- Operating temperature: -20°C - 70°C
- Compact Flash Adapter / HDD Space
- PCI Expansion Slot, miniPCIe Socket
- Power Input 9V-36V

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TaskRunner 2100A

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■ More Pictures



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■ Overview

TaskRunner 2100 series are based on the Intel Atom Dual Core D525 processor. With Atom Dual Core D525 CPU, DDR3 memory and multiple I/O ports, TaskRunner 2100 series can be utilized within industrial automation, self-service machines like KIOSK check-in machines, recycling machines as well as factory automation etc. Other features of this versatile series include three Intel Gigabit LAN ports, four RS232 COM ports, two RS232/422/485 COM ports, four USB2.0, VGA, GPIO and speaker out. In terms of storage, SATA HDD/SSD or front accessible CF card are available for deployment. The TaskRunner 2100 series has a wide DC input range which varies from 9V to 36V and is therefore designed to meet most application requirements.

■ System

CPU Intel Atom D525 Dual Core processor, 1.8GHz, 1M Cache

Chipset: Intel ICH8M PCH
resolution up to 1920x1080

Memory 2GB DDR3 800MHz (2GB max.)
1x 204-pin SO-DIMM

- 2x USB2.0 ports
- 2x serial port (RS232)
- 1x CF card socket
- 1x SIM card holder

I/O Interface Front

- 1x DB15 GPIO connector
- 2x antenna holes
- ATX power on/off switch
- HDD access/power status LEDs

I/O Interface Rear

- 2x GbE LAN ports (Intel Chipset)
- 2x USB 2.0 ports
- 1x DB15 VGA port
- 4x serial port (2x RS232 and 2x RS232/422/485 with auto-flow control, isolation protection on COM1 and COM2)
- 1x speaker-out
- 9-36V DC power input
- 3-pin remote power on/off switch

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■ Storage

HDD/SSD

1x 2.5" SATA HDD drive bay

Flash

1x external CF socket

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■ Chassis

Construction

Aluminium chassis with fanless design

Expansion slot

1x PCI (TaskRunner 2110A only)

Dimensions

195x 200x 65mm (TaskRunner 2100A)

195x 200x 90mm (TaskRunner 2110A)

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■ Power Requirements

DC

9V - 36V DC on-board power support

AC

Optional 19V, 65W external power adapter

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■ Power Consumption

Full loading mode

ca. 26W

Standby mode

ca. 11W

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■ Environment

Operating Temp.

-20°C - 70°C

Storage Temp.

-20°C – 80°C

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■ Ordering Information

Part number

3194
TaskRunner 2100A

Part number

3197
TaskRunner 2110A (one PCI expansion slot)

Packing list

TaskRunner Embedded System
(incl. Atom D525 1.8GHz, 2GB DDR3 RAM)
Driver CD, English documentation

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TaskRunner 2100A back view

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TaskRunner 2110A back view

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