

Model Information



■ Features

- Atom E3827 1.75GHz fanless
- 4GB DDR3
- 2 x GbE LAN / 4 x USB 2.0 / 1 x USB 3.0
- 2 x RS232, 2x RS232/422/485
- 1 x DVI-I, 1 x HDMI
- External SIM card holder
- Operating temperature: -20°C - 70°C
- CFast Adapter / HDD Space / mSATA
- 2 x miniPCIe Socket
- Power Input 9V-30V

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TaskRunner 2400 (NISE 2400)

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■ Overview

Powered by Intel Atom Bay Trail Dual Core processor E3827, 1.75GHz, TaskRunner 2400 can provide excellent computing power and is more power-efficient than the platforms based on the previous generation of Intel Atom processor family.

TaskRunner 2400 supports up to 8GB DDR3L memory and has several options on storage devices like CFast, HDD, SSD or mSATA. The TaskRunner 2400 comes with 1 x HDMI, 1 x DVI-I, 2 x Gigabit LAN ports, 4 x COM ports and 5 x USB ports including one USB 3.0.

TaskRunner 2400 supports 9-30V DC input and can be operated in an extended operating temperature range from -20 to 70 degrees Celcius. This fanless system supports two mini-PCIe modules which can be an excellent platform for IOT applications (with optional Wi-Fi, 3G/LTE module). It's expansion versatility makes this system a perfect platform for factory automation and M2M intelligent computing applications.

■ System

CPU Intel Atom E3827 Dual Core processor, 1.75GHz, 1M Cache

Chipset: integrated in Intel E3827

Memory 4GB DDR3L 1066/1333MHz (8GB max.)
2x 204-pin SO-DIMM

- 1x USB3.0 port
- 2x serial port (RS232)

I/O Interface Front

- 1x CFast socket
- 1x SIM card holder
- 1x Mic-in & 1x Line-out
- 2x antenna holes
- ATX power on/off switch
- HDD access/power status LEDs

I/O Interface Rear

- 2x GbE LAN ports (Intel I210IT Chipset)
- 4x USB 2.0 ports
- 1x DVI-I, 1x HDMI port
- 2x serial port (2x RS232 and 2x RS232/422/485 with auto-flow control)
- 9-30V DC power input
- remote power on/off switch

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■ Storage

HDD/SSD

- 1x 2.5" HDD space (SATA 2.0)
- 1x mSATA if SATA HDD is not installed

Flash

1x external CFast socket (SATA 2.0)

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■ Chassis

Construction

Aluminium chassis with fanless design

Expansion slot

1x PCI (TaskRunner 2410 only)

Dimensions

191x 200x 60mm (TaskRunner 2400)
195x 200x 90mm (TaskRunner 2410)

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■ Power Requirements

DC

9V - 30V DC on-board power support

AC

Optional 24V, 60W external power adapter

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■ Power Consumption

Full loading mode

ca. --W

Standby mode

ca. --W

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■ Environment

Operating Temp.

-20°C - 70°C

Storage Temp.

-30°C – 85°C

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■ Ordering Information

Part number

3630
TaskRunner 2400

Part number

3631
TaskRunner 2410 (one PCI expansion slot)

Packing list

TaskRunner Embedded System
(incl. 4GB DDR3 RAM)
Driver CD, English documentation

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TaskRunner 2400 back view

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TaskRunner 2410 back view

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