Model Information

■ Features

- Atom D525 1.8GHz fanless
- 2GB DDR3
- 3 x GbE LAN / 4 x USB 2.0 / Audio
- 4 x RS232, 2x RS232/422/485
- External SIM card holder
- Operating temperature: -5°C - 55°C
- Compact Flash Adapter / HDD Space
- PCI Expansion Slot, miniPCIe Socket
- Power Input 9V-36V

Contact Online...

TaskRunner 2100 (NISE 2100)

Quick Link: | **Features** | **More Pictures** | **Overview** | **System** | **Storage** | **Chassis** | **Power Requirements** | **Power Consumption** | **Environment** | **Ordering Information** |

■ 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 2048x1536
Memory	2GB DDR3 800MHz (2GB max.) 1x 204-pin SO-DIMM
I/O Interface Front	- 2x USB2.0 ports - 2x serial port (RS232) - 1x CF card socket - 1x SIM card holder - 1x DB15 GPIO connector - 2x antenna holes - ATX power on/off switch - HDD access/power status LEDs

I/O Interface Rear	3x GbE LAN ports (Intel 82574L Chipset) 2x USB 2.0 ports 1x DB15 VGA port 4x serial port (2x RS232 and 2x RS232/422/485 with auto-flow control) 1x speaker-out 9-36V DC power input 3-pin remote power on/off switch

■ Storage

HDD/SSD	1x 2.5" SATA HDD drive bay
Flash	1x external CF socket

■ Chassis

Construction	Aluminium chassis with fanless design
Expansion slot	1x PCI (TaskRunner 2110 only)
Dimensions	195x 200x 65mm (TaskRunner 2100A) 195x 200x 90mm (TaskRunner 2110A)

■ Power Requirements

DC	9V - 36V DC on-board power support
AC	Optional 19V, 65W external power adapter

■ Power Consumption

Full loading mode	ca. 26W
Standby mode	ca. 11W

■ Environment

Operating Temp.	-5°C - 55°C
Storage Temp.	-20°C − 80°C

■ Ordering Information

Part number	3199 TaskRunner 2100
Part number	3195 TaskRunner 2110 (one PCI expansion slot)
Packing list	TaskRunner Embedded System (incl. Atom D525 1.8GHz, 2GB DDR3 RAM) Driver CD, English documentation

TaskRunner 2100 (NISE 2100)

TaskRunner 2100 back view

TaskRunner 2110 back view