

Model Information



■ Features

- Intel Core i7 3.2GHz fanless design
- Intel QM77 Chipset
- 4GB DDR3 Memory
- 2x GigaLAN / 4x USB 3.0 / 2x USB 2.0
- DVI-D or VGA + 2x Display port
- 5x RS232, 1x RS232/422/485
- HDD Space
- external CFast socket
- PCIex4 Expansion Slot
- Power Input 9V-30V

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TaskRunner 3600E (NISE 3600E)

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■ Overview

Utilizing 22nm Intel® Core™ i7 processor, TaskRunner 3600E (NISE 3600E) series fanless computer features Intel® Turbo Boost and Intel® Hyper-Threading technologies (4 cores, 4 threads), as well as on-processor graphics and two DDR3 1333/1600 memory modules up to 8GB. In addition, TaskRunner 3600E fanless PC provides a wide variety of display I/O configurations and rich I/O interfaces including two Intel® GbE Ethernet ports, 6x COM ports, 6x USB, SATAII and audio interfaces.

TaskRunner 3600E (NISE 3600E) fanless PC is designed for a broad range of applications which demand intense graphics performance, data storage, industrial automation, public infotainment, surveillance security applications.

■ System

CPU	Intel Core i7-3632QM Processor (6M cache, 3.2GHz)
Chipset:	Intel QM77 PCH resolution up to 2048x1536
Memory	4GB DDR3 1333/1600MHz (8GB max.) 2x 204-pin SO-DIMM
	• 2x USB3.0 ports • 2x Display Port

I/O Interface Front	• CFast socket • 2x antenna holes • ATX power on/off switch • HDD access/power/LAN status LEDs
I/O Interface Rear	• 2x GbE LAN ports (Intel Chipset) • 2x USB 3.0 ports • 2x USB 2.0 ports • 1x DB15 VGA port • 1x DVI-D port • 1x DB44 serial port for 4x RS232 (COM2: RS232/422/485) • 2x DB9 serial port RS232 • 1x speaker-out • 1x mic-in • 9-30V DC power input • 2-pin remote power on/off switch
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■ Storage	
HDD/SSD	• 1x 2.5" SATA HDD drive bay(TaskRunner 3600E) • 2x 2.5" SATA HDD drive bay (TaskRunner 3600E2, 3600P2E, 3600P2)
Flash	1x external CFast socket
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■ Chassis	
Construction	Aluminium chassis with fanless design
Expansion slot	• 1x PCIe_x4 (TaskRunner 3600E) • 2x PCIe_x4 (TaskRunner 3600E2) • 1x PCIe_x4 + 1xPCI (TaskRunner 3600P2E) • 2x PCI (TaskRunner 3600P2)
Dimensions	215x 272x 93mm (TaskRunner 3600E) 215x 272x 114mm (TaskRunner 3600E2, 3600P2E, 3600P2)
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■ Power Requirements	
DC	9V - 30V DC on-board power support
AC	Optional 19V, 120W external power adapter
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■ Environment	
Operating Temp.	−5°C - 55°C
Storage Temp.	−20°C – 80°C
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■ Ordering Information	
Part number	3636 TaskRunner 3600E (NISE 3600E) (one PCIe _x 4 expansion slot)
Part number	3640 TaskRunner 3600E2 (NISE 3600E2) (two PCIe _x 4 expansion slots)
Part number	3642 TaskRunner 3600P2E (NISE 3600P2E) (one PCIe _x 4 and one PCI expansion slot)
Part number	3644 TaskRunner 3600P2 (NISE 3600P2) (two PCI expansion slots)
Packing list	TaskRunner Embedded System (incl. Intel Core i7-3632QM 3.2GHz, 4GB DDR3 RAM) Driver CD, English documentation
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