

# ReadySystem™ 850 1U Computer System with Core™2 Duo EPIC ReadyBoard™850 SBC



## Features

- Intel® Core™2 Duo Processor
- Intel® GM45 Express Chipset
- Dual Channel DDR3 SODIMM up to 4GB
- Dual Gigabit Ethernet



## Specifications

### Processor & System

ReadyBoard™ 850 EPIC Single Board Computer

CPU	Intel® Core™2 Duo Processor P8400 (2.26GHz, 3MB L2 cache, 1066MHz FSB, 25W TDP)
	Intel® Celeron® Processor T3100 (dual-core, 1.9GHz, 1MB L2 cache, FSB 800MHz, 35W TDP)
Chipset	Intel® GM45 Express Chipset (GM45 GMCH, ICH9-M)
Graphics	Integrated Intel® GMA 4500MHD
Memory	Dual Channel DDR3 800/1066 SODIMM up to 4GB

### External I/O Interfaces

CompactFlash	1x CompactFlash type II socket
Serial	2x RS-232/422/485
USB	4x USB 2.0 ports
Ethernet	2x Intel® 82574L GbE controllers
VGA	1x DB15 connector
PS/2	1x PS/2 for Keyboard/Mouse
Audio	3x 3.5mm jacks for Mic, Line In, Line Out
Serial ATA	1x internal HDD or SSD

### Power

Input	12V DC from AC/DC adapter
Mode	AT power

### Mechanical & Environmental

Dimensions	220 x 203 x 44mm (8.66 x 8.00 x 1.75") W x D x H
Operating Temp.	0°C to +55°C (adapter 40°C only)
Storage Temp.	-20°C to +75°C
Certifications	CE, FCC Class A
Relative Humidity	10% to 90%, non-condensing
Weight	1.7 kg net (3.7 lbs), 3.4 kg gross (7.5 lbs)

### Operating System

Windows XP Embedded installed (optional)

Other OS Support: Linux, Windows® CE 6.0, VxWorks 6.6, QNX 6.4

## Ordering Information

Model Number	Description/Configuration
<b>RB1-S85A-R-T31M4G160-0</b>	ReadySystem 1U, ReadyBoard 850, T3100 1.9GHz CPU, 4GB RAM, 160GB HDD, 75W AC/DC adapter
<b>RB1-S85A-R-T31M4G160-1</b>	ReadySystem 1U, ReadyBoard 850, T3100 1.9GHz CPU, 4GB RAM, 160GB HDD, 75W AC/DC adapter, Windows® XP Embedded
<b>RB1-S85A-R-P84M4G160-0</b>	ReadySystem 1U, ReadyBoard 850, P8400 2.26GHz CPU, 4GB RAM, 160GB HDD, 75W AC/DC adapter
<b>RB1-S85A-R-P84M4G160-1</b>	ReadySystem 1U, ReadyBoard 850, P8400 2.26GHz CPU, 4GB RAM, 160GB HDD, 75W AC/DC adapter, Windows® XP Embedded

## Dimensions

