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

Core System

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

Multi I/O and Storage

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 and Environmental

Dimensions	220 x 203 x 44mm (8.66 x 8.00 x 1.75") W x D x H
Operating Temperature	0°C to +55°C (AC/DC adapter 40°C only)
Storage Temperature	-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)

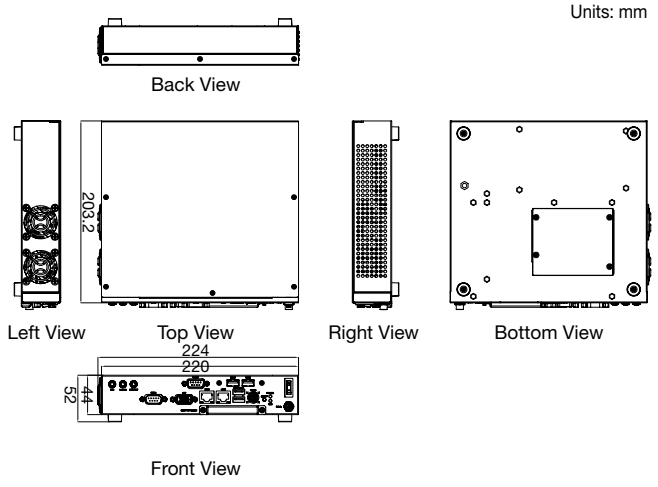
Operating Systems

Windows 7 installed (optional)

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

Ordering Information

Model Number	Description/Configuration
RB1-S85A-R-T31M1G160-00	ReadySystem™ 1U, ReadyBoard™ 850, T3100 1.9GHz CPU, 1GB RAM, 160GB HDD, 75W AC/DC adapter
RB1-S85A-R-T31M4G160-00	ReadySystem™ 1U, ReadyBoard™ 850, T3100 1.9GHz CPU, 4GB RAM, 160GB HDD, 75W AC/DC adapter
RB1-S85A-R-T31M4G160-02	ReadySystem™ 1U, ReadyBoard™ 850, T3100 1.9GHz CPU, 4GB RAM, 160GB HDD, 75W AC/DC adapter, Window 7
RB1-S85A-R-P84M4G160-00	ReadySystem™ 1U, ReadyBoard™ 850, P8400 2.26GHz CPU, 4GB RAM, 160GB HDD, 75W AC/DC adapter

Dimensions

Units: mm