

# SYS-SR2000R2S8477

## Intel® Core™ 2 Quad/Duo Processor Based 2U Rack Mount System with 10x USB 2.0 /4x COM Ports/ VGA / Dual Gigabit LAN



### Introduction

SYS-SR2000R2S8477 Industrial 2U Rack Mount System is based on Intel® Core™ 2 Quad/Duo Processor & Intel® Q35 Chipset. SYS-SR2000R2S8477 comes equipped with 6 x USB Ports, 2x COM Ports, Dual Gigabit Ethernet & VGA output. This is an excellent cost efficient and best expandability system with providing multiple choice of PICMG 1.0 Backplanes.

SYS-SR2000R2S8477 is very 2U Rack Mount System and is ideally suited for high-performance systems for industrial control and Automation.

### Specification

System	
Processor	<ul style="list-style-type: none"> <li>Intel® Core™ 2 Quad - Q9000, Q6000 Series</li> <li>Intel® Core™ 2 Duo - E8000, E6000, E4000 Series</li> <li>Intel® Pentium® Dual Core™ - E2000 Series</li> <li>Intel® Celeron® 400 Series</li> <li>LGA 775 Package</li> </ul>
BIOS	<ul style="list-style-type: none"> <li>Award Standard PnP Flash BIOS 6.0.</li> <li>8Mbit FlashROM with BootBlock for Fail-safe.</li> </ul>
System Memory	<ul style="list-style-type: none"> <li>2 x 240-pin DIMM sockets Dual-channel DDR2 667/800 SDRAM. Max. up to 4 GB memory</li> </ul>
Chipset	<ul style="list-style-type: none"> <li>Intel® Q35 + ICH9DO</li> </ul>
Video	<ul style="list-style-type: none"> <li>Intel Q35 Integrated GMA3100 Graphic Engine.</li> <li>Support DVMT 4.0 for memory allocation up to 287MB.</li> <li>One D-Sub connector on rear panel for CRT display.</li> </ul>
Ethernet	<ul style="list-style-type: none"> <li>Two Realtek RT8111C on board for Dual GbE LAN.</li> <li>Wake-on-LAN, Remote Boot with PXE and RTL.</li> </ul>
On Board I/O	<ul style="list-style-type: none"> <li>Onboard Winbond 83627HF LPC I/F Super I/O chip</li> <li>1x IrDA</li> <li>1 x Floppy connector</li> <li>1 x Parallel port on 25-pin D-type</li> <li>2 x Serial ports (One RS-232/422/485 selectable )</li> <li>1 x Keyboard/mouse</li> <li>1x PIDE 40-pins connector support two devices and up to ATA133 speed</li> <li>6x SATA-II ports support RAID0, RAID 1, RAID 5, and RAID10.</li> <li>6x USB 2.0 Ports</li> </ul>
Watchdog Timer	<ul style="list-style-type: none"> <li>Programmable watchdog timer for 1~255 seconds.</li> </ul>
CMOS	<ul style="list-style-type: none"> <li>On-board RTC with 242 bytes of Battery-back CMOS RAM.</li> </ul>
Audio	<ul style="list-style-type: none"> <li>RealTek ALC888 High-Definition Audio chip on-board.</li> <li>Support Line-OUT, Line-IN, MIC, SPDIF, CD-IN and Surrounding sounds with pin-headers</li> </ul>
Power	<ul style="list-style-type: none"> <li>One 24pins power connector for system power.</li> <li>One ATX-12V 8-pins connector for CPU power.</li> <li>Support both AT and ATX mode.</li> </ul>
Mechanical & Environment	
Drive bays	<ul style="list-style-type: none"> <li>Totally 4 drive bay: 2x 5.25" CD and 2 x 3.5" HDD bay drive bay equipped with anti-vibration function</li> </ul>
Front Panel	<ul style="list-style-type: none"> <li>Two USB 2.0 ports at front bezel</li> </ul>
Motherboard	<ul style="list-style-type: none"> <li>PICMG 1.0 Single Board Computer</li> </ul>
Fan	<ul style="list-style-type: none"> <li>2x 80mm Fan for Backplane</li> </ul>
Power Supply	<ul style="list-style-type: none"> <li>Industrial 400W/500W Auto Ranging Power Supply</li> </ul>
Expansion	<ul style="list-style-type: none"> <li>BP-6VP4 - 6-slot PICMG 1.0 Backplane (PICMG 1.0 x 1, PCI x 4)</li> </ul>

### FEATURES

- Intel® Core™ 2 Quad/Core™ 2 Duo/Pentium® Dual Core™/Celeron® 400 Processor in Socket 775
- 2 x 240-pin DIMM sockets Dual-channel DDR2 667/800 SDRAM. Max. up to 4 GB memory
- Intel® Q35 + ICH9DO, 1333/1066/800 MHz FSB
- Two Realtek® RTL8111C on board for Dual GbE LAN
- Integrated Intel® Q35 GMA 3100 Graphics
- RealTek® ALC888 Audio chip on-board
- Multi I/O: 6 x USB2.0, 2 x COM ports, 6 x SATA, 1 x IRDA, 1x PIDE, 1xFDD, 1x LPT
- Expansion Slot: Optional BP-6VP4 Backplane

Color	• Black
Dimension	• 482.9 x 177 x 462mm
Weight	• N.W: 7.9KGS G.W:9.7KGS
Operating Temperature	• 0°~60°C
Storage Temperature	• -40°~70°C
Relative Humidity	• 5~95%, non-condensing
Storage Humidity	• 5% ~ 95%
Altitude	• 10,000 Feet (3000 m)
Vibration (Operating)	• 1.5G Max
Shock	• 10G peak acceleration (10Msec duration)

### Ordering Information

SYS-SR2000R2S8477-C1	Intel® Core™ 2 Quad/Duo Processor Based 2U Rack Mount System with 6x USB 2.0 /2x COM Ports/ VGA / Dual Gigabit LAN (Black)
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### Optional

BP-6VP4	6-slot PICMG 1.0 Backplane (PICMG 1.0 x 1, PCI x 4)
TC-400PA	Industrial 400W PS/2 Auto Ranging Power Supply
TC-500PA	Industrial 500W PS/2 Auto Ranging Power Supply

### Dimensions

