

SYS-SR2000R2S8468

PICMG 1.0 Intel® Pentium™ 4/ Celeron™ Processor Based 2U Rack Mount System with 6x USB 2.0 /2x COM Ports/ VGA / Dual Gigabit LAN



Introduction

SYS-SR2000R2S8468 Industrial 2U Rack Mount System is based on Intel® Pentium® 4 / Celeron® Processor & Intel® 865 Chipset. SYS-SR2000R2S8468 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-SR2000R2S8468 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"> Intel® Pentium® 4 Prescott and Northwood Processor, up to 3.4GHz/ FSB speed 400/533/800MHz
BIOS	<ul style="list-style-type: none"> Award Standard PnP Flash BIOS 6.0. 4Mbit FlashROM with BootBlock for Fail-safe.
System Memory	<ul style="list-style-type: none"> 2 x 184-pin DIMM sockets Dual-channel DDR SDRAM. Max. up to 2 GB memory
Chipset	<ul style="list-style-type: none"> Intel® 865G + ICH5R chipsets
Video	<ul style="list-style-type: none"> Intel® 865G integrated Extreme Graphics 2 engine. Dual Display on both CRT and LVDS LCD interface.
Ethernet	<ul style="list-style-type: none"> Dual Intel® Gigabits Ethernet LAN ports. Intel® 82547GI and 82541GI controller. Dual-LAN design support teaming, fault-tolerance and Load-Balancing. Host Off-loading features to minimize CPU utilization. Boot Agent integrated into system BIOS, support PXE and RPL protocol
On Board I/O	<ul style="list-style-type: none"> Onboard Winbond 83627 LPC I/F Super I/O chip 1x IrDA 1 x Floppy connector 1 x Parallel port on 25-pin D-type 2 x Serial ports (One RS-232/422/485 selectable) 1 x Keyboard/mouse 2x PIDE 40-pins connector support four devices and up to ATA133 speed 2x SATA-II ports support RAID0, RAID 1 6x USB 2.0 Ports
Watchdog Timer	<ul style="list-style-type: none"> Programmable watchdog timer for 1~255 seconds.
CMOS	<ul style="list-style-type: none"> On-board RTC with 242 bytes of Battery-back CMOS RAM.
Audio	<ul style="list-style-type: none"> Realtek ALC201A 3D AC97 Audio CODEC with Line-OUT, Line-In, Microphone and CD-IN
Power	<ul style="list-style-type: none"> One 4-pins power connector for system power. One ATX-12V 4-pins connector for CPU power. Support both AT and ATX mode.
Cooling	<ul style="list-style-type: none"> One CPU cooling FAN connector nearby CPU socket One system cooling FAN connectors for chassis or power supply cooling.
Mechanical & Environment	
Drive bays	<ul style="list-style-type: none"> Totally 4 drive bay: 2x 5.25" CD and 2 x 3.5" HDD bay drive bay equipped with anti-vibration function
Front Panel	<ul style="list-style-type: none"> Two USB 2.0 ports at front bezel
Motherboard	<ul style="list-style-type: none"> PICMG 1.0 Single Board Computer
Fan	<ul style="list-style-type: none"> 2x 80mm Fan for Backplane
Power Supply	<ul style="list-style-type: none"> Industrial 400W/500W Auto Ranging Power Supply
Expansion	<ul style="list-style-type: none"> BP-6VP4 - 6-slot PICMG 1.0 Backplane (PICMG 1.0 x 1, PCI x 4)

FEATURES

- Intel® Pentium® 4 / Celeron® up to 3.4GHz CPU Socket 478
- 2 x 184 Pin DIMM DDR Memory. Max. up to 2 GB memory
- Intel® 865G + ICH5R chipsets, 800/533/400 MHz FSB
- Two Intel® 82547/82541 chip on board for Dual GbE LAN
- Integrated Intel® 865G Extreme Graphic 2 , supports CRT and LVD LCD interface
- Realtek® AC97 Audio codec on-board
- Multi I/O: 6 x USB2.0, 2 x COM ports, 2 x SATA, 1 x IRDA, 2x 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-SR2000R2S8468-C1	PICMG 1.0 Intel® Pentium™ 4/ Celeron™ Processor Based 2U Rack Mount System with 6x USB 2.0 /2x COM Ports/ VGA / Dual Gigabit LAN (Black)

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

