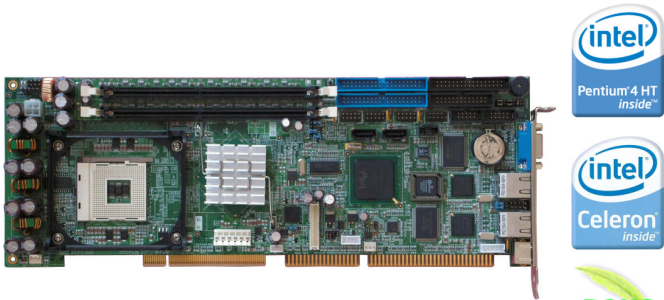


# SINE-8468G2V

## PICMG 1.0 Intel® Pentium™ 4/ Celeron™ Processor Based Single Board Computer with 6x USB 2.0 /2x COM Ports/ VGA / Dual Gigabit LAN



### 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

### Introduction

PICMG 1.0 SBC SINE-8468G2V based on the Intel® 865G Chipset, supports Intel® Pentium™ /Celeron™ Processor. Integrated with Intel® 865G Graphic Memory Controller, 2 Com Port, 6 x USB 2.0, 2 x SATA, 2x PIDE, 1xFDD, 1x LPT. SINE-8468G2V is ideal for developing high-performance systems for industrial control and Automation.

### Specification

System	
Processor	<ul style="list-style-type: none"> <li>• Intel® Pentium® 4 Prescott and Northwood Processor, up to 3.4GHz/ FSB speed 400/533/800MHz</li> </ul>
BIOS	<ul style="list-style-type: none"> <li>• Award Standard PnP Flash BIOS 6.0.</li> <li>• 4Mbit FlashROM with BootBlock for Fail-safe.</li> </ul>
System Memory	<ul style="list-style-type: none"> <li>• 2 x 184-pin DIMM sockets Dual-channel DDR SDRAM.</li> <li>• Max. up to 2 GB memory</li> </ul>
Chipset	<ul style="list-style-type: none"> <li>• Intel® 865G + ICH5R chipsets</li> </ul>
Video	<ul style="list-style-type: none"> <li>• Intel® 865G integrated Extreme Graphics 2 engine.</li> <li>• Dual Display on both CRT and LVDS LCD interface.</li> </ul>
Ethernet	<ul style="list-style-type: none"> <li>• Dual Intel® Gigabits Ethernet LAN ports. Intel® 82547GI and 82541GI controller.</li> <li>• Dual-LAN design support teaming, fault-tolerance and Load-Balancing. Host Off-loading features to minimize CPU utilization.</li> <li>• Boot Agent integrated into system BIOS, support PXE and RPL protocol</li> </ul>
On Board I/O	<ul style="list-style-type: none"> <li>• Onboard Winbond 83627 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>• 2x PIDE 40-pins connector support four devices and up to ATA133 speed</li> <li>• 2x SATA-II ports support RAID0, RAID 1</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 ALC201A 3D AC97 Audio CODEC with Line-OUT, Line-In, Microphone and CD-IN</li> </ul>
Power	<ul style="list-style-type: none"> <li>• One 4-pins power connector for system power.</li> <li>• One ATX-12V 4-pins connector for CPU power.</li> <li>• Support both AT and ATX mode.</li> </ul>
Cooling	<ul style="list-style-type: none"> <li>• One CPU cooling FAN connector nearby CPU socket</li> <li>• One system cooling FAN connectors for chassis or power supply cooling.</li> </ul>

Mechanical & Environment	
Form Factor	13.3x4.8" (338x122mm)
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-40°C to 70°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)
Ordering Information	
SINE-8468G2V	PICMG 1.0 Intel® Pentium™ 4/Celeron™ Processor Based Single Board Computer with 6x USB 2.0/VGA/2xCOM/Dual GIGA LAN