

# Mini PC 5910S-N7072

Intel® Core™ i7/i5/i3 LGA 1156 Processor Q57  
Chipset Based Mini PC with 8 USB 2.0 / 4x COM  
Ports/ VGA / Dual Gigabit LAN



## FEATURES

- Intel® Core™ i7/i5/i3/Pentium® processor with graphics built in.
- DMI 2.5GT/s & LGA1156 socket.
- Two 240-pin DDR3 1066/1333MT/s DIMM up to 8GB
- Two Intel® 82574L on board for Dual GbE LAN
- Intel® Q57 Integrated HD Graphics Technology for memory allocation up to 1.7GB
- RealTek® ALC888 High-Definition Audio chip on-board
- Multi I/O: 8 x USB2.0, 4x COM ports, 4x SATA, IRDA
- Bay: 1x Slim SATA DVDRW, 1x 2.5" HDD (Internal) Bays
- Expansion: 1x PCIe X16 slot

## Introduction

Mini PC 5910S-N7072 Industrial Mini PC supports i7, i5, i3 LGA1156 Processor. Mini PC 5910SX-N7072 supports one Slim DVDRW, One FDD & One 2.5" Hard Disk, 4x Com Port, 8 x USB 2.0 and one PCIe X16 expansion slot.

Mini PC 5910SX-N7072 is ideal for developing high-performance systems for industrial control and Automation, retail, gaming, print imaging and digital signage.

## Specification

System	
Processor	<ul style="list-style-type: none"> <li>Intel® Core i7/i5/i3/Pentium® processor</li> <li>Supports DMI 2.5GT/s</li> <li>LGA1156 socket.</li> </ul> <p><b>* Important Note: Only Processor with Graphics can be used.</b></p>
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>Two 240-pin DDR3 1066/1333MT/s DIMM up to 8GB</li> </ul>
Chipset	<ul style="list-style-type: none"> <li>Intel Q57 Platform Controller Hub</li> </ul>
Video	<ul style="list-style-type: none"> <li>Intel Q57 Core™ integrated HD Graphics Technology</li> <li>Up to 1.7GB shared with system memory</li> <li>One D-Sub connector on rear panel for CRT display.</li> </ul>
Ethernet	<ul style="list-style-type: none"> <li>Two Intel® 82574L on board for Dual GbE LAN support.</li> <li>Support Wake-on-LAN, Remote Boot with PXE and RTL.</li> </ul>
On Board I/O	<ul style="list-style-type: none"> <li>Winbond 83627HF LPC I/F Super I/O chip.</li> <li>Four serial ports as COM1~COM2. COM2 is RS232/422/485 selectable by jumper.</li> <li>One IrDA port</li> <li>Four SATA-II ports support RAID0, RAID 1, RAID 5, and RAID10.</li> <li>One PIDE 40-pins connector support two devices and up to ATA133 speed</li> <li>Eight USB 2.0 (4 x USB2.0. External, 4 x USB2.0 Internal)</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 24-pins/20pins 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>

## Power Requirement

Power Supply	<ul style="list-style-type: none"> <li>Industrial Auto Range 300W Power Supply</li> </ul>
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## Mechanical & Environment

Drive Bay	<ul style="list-style-type: none"> <li>One Slim DVDRW, One 3.5" FDD &amp; One 2.5" Hard Disk Bays</li> </ul>
Dimension	<ul style="list-style-type: none"> <li>261(W) x 102(H) x 233(D) mm</li> </ul>
Weight	<ul style="list-style-type: none"> <li>Gross 5kg</li> </ul>
Operation temperature	<ul style="list-style-type: none"> <li>0°C to 60°C (32° F to 140° F)</li> </ul>
Storage temperature	<ul style="list-style-type: none"> <li>-20°C to 80°C (-68° F to 176° F)</li> </ul>
Relative humidity	<ul style="list-style-type: none"> <li>5% to 95% (Non-Condensing)</li> </ul>
Vibration	<ul style="list-style-type: none"> <li>5-17Hz 0.1" double amplitude displacement</li> <li>17-640Hz 1.5G Acceleration peak to peak</li> </ul>
Shock	<ul style="list-style-type: none"> <li>10G acceleration peak to peak (11ms)</li> </ul>
Additional Chassis FAN	<ul style="list-style-type: none"> <li>1x 40mm</li> </ul>

## Ordering Information

Mini PC 5910S-N7072	Intel® Core™ i7/i5/i3 LGA 1156 Processor Q57 Chipset Mini PC with 8 USB 2.0 / 4x COM Ports/ VGA / Dual Gigabit LAN/300W Power Supply and Slim Socket LGA1156 CPU Cooler
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## Dimension

