

# RPC-Ci150-N7087

Intel® Core™ i7/i5/i3/Xeon®/Pentium®/Celeron®  
 Processor Socket 1155 Desktop Processor Q77  
 Chipset Based 19" LCD Rack Mount PC with 6 USB  
 2.0/4 USB 3.0/4x COM Ports/VGA /Triple Gigabit  
 LAN



## FEATURES

- Intel® 3<sup>rd</sup>/2<sup>nd</sup> Generation Core™ i7/ i5/ i3/ Xeon®/ Pentium®/Celeron® Desktop socket 1155
- Intel® Q77 Express chipset
- Two DDR3 SO-DIMM 1066/1333/1600 MHz up to 16 GB
- One Intel® 82574L Giga LAN and Two Intel® 82579LM Giga LAN
- Intel® Core™ integrated HD Graphics 4000 Technology
- RealTek® ALC888 High-Definition Audio chip on-board
- Multi I/O: 6xUSB 2.0, 4xUSB 3.0, 4x COM ports, 6x SATA
- Expansion: PCIe x16 slot. Supports x1, x4, x8, x16 configurations. & 2x Mini-PCIe sockets
- Bay: 1x Slim SATA DVDRW, 2x 2.5" HDD (Internal) Bays

## Introduction

RPC-Ci150-N7087 Industrial Rack Mount PC supporting Intel® Core™ i7/i5/i3/Xeon®/Pentium®/Celeron® Processor Socket 1155 Desktop Processor. RPC-Ci150-N7087 comes with 15" LCD Display. RPC-Ci150X-N7087 supports one Slim DVDRW and Two 2.5" Hard Disk, 4x Com Port, 6 x USB 2.0, 4 x USB 3.0 and one PCIe x16 expansion slot. RPC-Ci150-N7087 is ideal for developing high-performance systems for industrial control and Automation, retail, gaming, print imaging and digital signage.

## Specification

|                                     |  |
|-------------------------------------|--|
| Model                               | RPC-Ci150-N7087  |
| <b>LCD</b>                          |  |
| Resolution                          | 1024x768 (XGA)   |
| Brightness                          | 350 cd/m <sup>2</sup>  |
| Contrast Ratio                      | 2000:1   |
| Viewing Angle                       | 160/140  |
| Backlight                           | LED  |
| Backlight MTBF                      | 50000Hrs   |
| <b>System</b>                       |  |
| Processor                           | <ul style="list-style-type: none"> <li>• Intel® 3<sup>rd</sup>/2<sup>nd</sup> Generation Core™ i7/ i5/ i3/ Xeon®/ Pentium®/Celeron® Desktop socket 1155</li> </ul>   |
| BIOS                                | <ul style="list-style-type: none"> <li>• uEFI BIOS. 64Mbit FlashROM with DOS and Windows update utility support.</li> </ul>  |
| System Memory                       | <ul style="list-style-type: none"> <li>• Two DDR3 1066/1333/1600 SO-DIMM up to 16 GB</li> </ul>  |
| Chipset                             | <ul style="list-style-type: none"> <li>• Intel® Q77 Express chipset</li> </ul>   |
| Video                               | <ul style="list-style-type: none"> <li>• Intel® Core i processors integrated HD graphics engine.</li> <li>• VGA, HDMI, DisplayPort on rear I/O.</li> <li>• One 40-pins connector to support up to dual-24bits LVDS LCD</li> </ul>  |
| Ethernet                            | <ul style="list-style-type: none"> <li>• One Intel® 82574L &amp; Two Intel® 82579LM Gigabit Ethernet Controller</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>• Four serial ports as COM1~COM4. COM1 is RS232/422/485 selectable by jumper with auto-flow control.</li> <li>• Two SATA-III and four SATA-II ports support IDE, AHCI, RAID.</li> <li>• Support four USB3.0 ports. Two ports are on rear I/O.</li> <li>• Support six USB2.0 ports. Two ports are on rear I/O.</li> <li>• One Parallel port supports SPP/ECP/EPP mode.</li> <li>• 16bits Digital I/O</li> <li>• One SMBus interface</li> <li>• PS2 KB and MS.</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 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>  |
| <b>Power Requirement</b>            |  |
| Power Supply                        | <ul style="list-style-type: none"> <li>• Industrial Auto Range 300W Power Supply</li> </ul>  |
| <b>Mechanical &amp; Environment</b> |  |
| Drive Bay                           | <ul style="list-style-type: none"> <li>• One Slim DVDRW &amp; Two 2.5" Hard Disk Bays</li> </ul>   |
| Dimension                           | <ul style="list-style-type: none"> <li>• 484(W) x 311.5(H) x 110(D) mm</li> </ul>  |
| Weight                              | <ul style="list-style-type: none"> <li>• Gross 11kg</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              | -  |
| Front Bezel protection              | <ul style="list-style-type: none"> <li>• IP65 Compliant</li> </ul>   |

|                             |   |
|-----------------------------|---|
| <b>Ordering Information</b> |   |
| RPC-Ci150-N7087-C100        | Intel® Core™ i7/i5/i3/Xeon®/Pentium®/Celeron® Processor Socket 1155 Desktop Processor Q77 Chipset Based 15" LCD Rack Mount PC 350cd/m <sup>2</sup> with 6 USB 2.0/4 USB 3.0/4x COM Ports/VGA /Triple Gigabit LAN, 300W Power Supply ARG Protection and Sensor & Slim Socket 1155 CPU Cooler                 |
| RPC-Ci150-N7087-C101        | Intel® Core™ i7/i5/i3/Xeon®/Pentium®/Celeron® Processor Socket 1155 Desktop Processor Q77 Chipset Based 15" LCD Rack Mount PC 350cd/m <sup>2</sup> with 6 USB 2.0/4 USB 3.0/4x COM Ports/VGA /Triple Gigabit LAN, 300W Power Supply/USB Touch Screen Controller and Sensor & Slim Socket 1155 CPU Cooler    |
| RPC-Ci150-N7087-C102        | Intel® Core™ i7/i5/i3/Xeon®/Pentium®/Celeron® Processor Socket 1155 Desktop Processor Q77 Chipset Based 15" LCD Rack Mount PC 350cd/m <sup>2</sup> with 6 USB 2.0/4 USB 3.0/4x COM Ports/VGA /Triple Gigabit LAN, 300W Power Supply/RS-232 Touch Screen Controller and Sensor & Slim Socket 1155 CPU Cooler |

