# PPC-Ci150-N7081

Intel<sup>®</sup> 3<sup>rd</sup>/2<sup>nd</sup> Generation Core<sup>™</sup> i7/i5/i3 Processor Socket 1155 Desktop Processor Q77 Chipset Based 15" LCD Panel PC 4 USB 2.0/ 4x USB 3.0/ 4x COM Ports/ VGA/ DVI / Dual Gigabit LAN



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FEATURES

- Intel<sup>®</sup> 3<sup>rd</sup>/2<sup>nd</sup> Generation Core<sup>™</sup> i7/ i5/ i3/ Socket 1155 Processor
- Intel<sup>®</sup> Q77 Express chipset
- Two DDR3 1006/1333/1600 MHz up to 16 GB
- One Intel<sup>®</sup> 82574L Giga LAN and One Intel<sup>®</sup> 82579LM Giga LAN
- Intel<sup>®</sup> Core<sup>™</sup> integrated HD Graphics Technology
- RealTek<sup>®</sup> ALC888 High-Definition Audio chip on-board
- Multi I/O: 4xUSB 2.0, 4xUSB 3.0, 4x COM ports, 4x SATA
- Expansion: 1xPCI-Express x16 slot, 1x Mini-PCIe sockets, 1 1x Mini PCI
- Standard 24-pin ATX & 4 pin 12V Power Supply
- Bay: 2x 2.5" HDD (Internal) Bays

#### Introduction

PPC-Ci150-N7081 Industrial Panel PC supporting Intel<sup>®</sup> 3<sup>rd</sup>/2<sup>rd</sup> Generation Core<sup>™</sup> i7/i5/i3 Processor Socket 1155 Desktop Processor. PPC-Ci150-N7081 comes with 15" LCD Display. PPC-Ci150X-N7081 supports two 2.5" Hard Disk, 4x COM Port, 4 x USB 3.0, 4 x USB 2.0 and one PCIe x16 expansion slot.

PPC-Ci150-N7081 is ideal for developing high-performance systems for industrial control and Automation, retail, gaming, print imaging and digital signage.

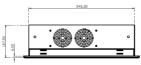
## Specification

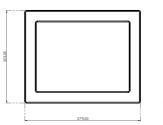
Specification	
Model	PPC-Ci150-N7081
LCD	
Resolution	1024x768 (XGA)
Brightness	350 cd/m <sup>2</sup>
Contrast Ratio	700:1
Viewing Angle	160/140
Backlight	LED
Backlight MTBF	30000Hrs
System	
Processor	<ul> <li>Intel<sup>®</sup> 3<sup>rd</sup>/2<sup>nd</sup> Generation Core<sup>™</sup> 17/15/13 <sup>®</sup> Socket 1155 processor</li> </ul>
BIOS	Pheonix Secure core Tiano.
System Memory	• Two DDR3 1066/1333/1600 SO-DIMM up to 16 GB
Chipset	Intel <sup>®</sup> Q77 Express chipset
Video	Intel® Core i processors integrated HD graphics engine.     Onboard DSUBIS connector for VGA interface
<b>E</b> 11	Onboard 20-pin DVI interface
Ethernet	One Intel® 82574L & One Intel® 82579LM Gigabit Ethernet Controller     Support Wake-on-LAN, Remote Boot with PXE and RTL.
On Board I/O	• Winbond W83627DHG-P LPC I/F Super I/O chip.
	<ul> <li>Four serial ports as COM1~COM4, COM2 is RS232/422/485</li> </ul>
	selectable by jumper with auto-flow control. • Four USB 2.0 & Four USB 3.0 Ports
	Two SATA-III and Two SATA-II ports support IDE, AHCI, RAID.
	<ul> <li>Onboard programmable 8-bit Digital I/O interface</li> </ul>
Watchdog Timer	Programmable watchdog timer for 1~255 seconds.
CMOS	On-board RTC with 242 bytes of Battery-back CMOS RAM.
Audio	<ul> <li>Realtek<sup>®</sup> ALC888 high-definition audio chip on-board.</li> <li>Support Line-OUT, Line-IN, MIC, SPDIF and 2.5W audio amplifiers.</li> </ul>
Power	<ul> <li>Standard ATX power connectors for system power.</li> <li>Support both AT and ATX mode.</li> </ul>
Cooling	One CPU cooling FAN connector nearby CPU socket
	<ul> <li>One system cooling FAN connectors for chassis or power supply cooling.</li> </ul>
<b>Power Requirement</b>	
Power Supply	<ul> <li>Industrial Auto Range 300W Power Supply</li> </ul>

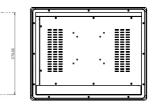
#### Mechanical & Environment • Two 2.5" Hard Disk Bays Drive Bay • 379(W) x 303(H) x 107.50(D) mm Dimension Weiaht Gross 11kg • 0°C to 60°C (32° F to 140° F) Operation temperature • -20°C to 80°C (-68° F to 176° F) Storage temperature Relative humidity • 5% to 95% (Non-Condensing) Additional Chassis FAN Front Bezel protection • IP65 Compliant **Ordering Information** PPC-Ci150-N7081-C101 Intel<sup>®</sup> 3<sup>rd</sup>/2<sup>nd</sup> Generation Core<sup>™</sup> i7/i5/i3 Processor Socket 1155 Desktop Processor Q77 Chipset Based 15" LCD Panel PC 300cd/m<sup>2</sup> with 4 USB 3.0/ 4 USB 2.0/ 4 COM Ports/ VGA / DVI/ Dual Gigabit LAN, 300W Power Supply/USB Touch Screen Controller and Sensor & Slim Socket 1155 CPU Cooler

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### Dimension







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