## PPC-Ci170-N7091

Intel® 7<sup>th</sup>/6<sup>th</sup> Generation Xeon®/Core® i7/i5/i3 Processor Socket 1151 Desktop Processor C236 Chipset Based 17" LCD Panel PC with 6 USB 3.0/ 4 USB 2.0/ 6 COM Ports/ VGA/ DVI/ Dual Gigabit LAN









## **FEATURES**

Dimension

- Intel® 7<sup>th</sup>/6<sup>th</sup> Generation Core<sup>™</sup> i7/ i5/ i3/ Xeon® E3-1200v5 Desktop socket 1151
- Intel<sup>®</sup> C236 Express chipset
- Two DDR4 DIMM 1866 / 2133 MHz up to 32GB
- One Intel<sup>®</sup> I210 Gigabit LAN and 1 x Intel<sup>®</sup> I219-LM Gigabit PHY LAN
- Intel® Core™ integrated HD Graphics 530 Technology Realtek® ALC262 High-Definition Audio chip on-board
- Multi I/O: 4xUSB 2.0, 6xUSB 3.0, 6x COM ports, 4x SATA
- Expansion: PCIe x16 slot, 1x Mini-PCIe socket & 1x Half Size Mini PCIe socket
- Bay: 2x 2.5" HDD (Internal) Bays

## Introduction

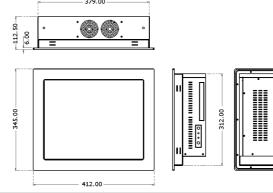
PPC-Ci170-N7091 Industrial Panel PC supporting Intel® 7th/6th Generation Xeon®/Core i7/i5/i3 Processor Socket 1151 Desktop Processor. PPC-Ci170-N7091 comes with 17" LCD Display. PPC-Ci170X-N7091 supports two 2.5" Hard Disk, 6x COM Port, 6 x USB 3.0, 4 x USB 2.0 and one PCIe x16 expansion slot.

PPC-Ci170-N7091 is ideal for developing high-performance systems for industrial control and Automation, retail, gaming, print imaging and digital signage.

## Specification

Specification		
Model	PPC-Ci170-N7088	
LCD		
Resolution	1280x1024 (SXGA)	
Brightness	350 cd/m <sup>2</sup>	
Contrast Ratio	1000:1	
Viewing Angle	170/160	
Backlight	LED	
Backlight MTBF	50000Hrs	
System		
Processor	7 <sup>th</sup> /6 <sup>th</sup> Generation Intel® 17 / 15 / 13 series and Xeon® E3-1200 v5 Desktop Processor.     Intel® Core™ 17-6700T Processor (8M Cache, up to 3.60 GHz)     Intel® Core™ 15-6600T Processor (6M Cache, up to 3.50 GHz)     Intel® Core™ 13-6300T Processor (4M Cache, 3.30 GHz)     Intel® Xeon® Processor E3-1275 v5 (8M Cache, 3.60 GHz)     Package Type: FCLGA1151	
BIOS	<ul> <li>uEFI BIOS. 64Mbit FlashROM with DOS and Windows update utility support.</li> </ul>	
System Memory	<ul> <li>Two DDR4 18662133 Mhz DIMM Module up to 32GB</li> <li>Supports Non ECC Memory only</li> </ul>	
Chipset	Intel® C236 Express chipset	
Video	<ul> <li>Intel® Core™ integrated HD Graphics 530 Technology</li> <li>Onboard 15-pin CRT interface</li> <li>Onboard DVI connector</li> <li>Onboard 24-bit dual channel LVDS connector with</li> <li>+3.3V/+5V/+12V supply</li> <li>Onboard Display port connector</li> </ul>	
E <sup>th</sup> ernet	One Intel® 1210 Gigabit LAN and 1 x Intel® 1219-LM Gigabit PHY LAN Support Wake-on-LAN, Remote Boot with PXE and RTL.	
On Board I/O	Four serial ports as COM1∼COM6. One COM Port is RS232/422/485 selectable by jumper with auto-flow control.     Four SATA-III ports (Support RAID 0, 1, 5, 10 and Intel Rapid Storage Technology.)     Support Six USB3.0 ports. Two ports are on rear I/O.     Support Four USB2.0 ports. Two ports are on rear I/O.     8bits Digital I/O     One SMbus interface     PS2 KB and MS. (Optional)	
OS Supported	Programmable watchdog timer for 1~255 seconds.	
Watchdog Timer	On-board RTC with 242 bytes of Battery-back CMOS RAM.	
CMOS	RealTek® ALC262 High-Definition Audio chip on-board.	
	<ul> <li>Support Line-in, MIC-in, Front, Rear, Center/Subwoofer</li> </ul>	
Audio	Support Line-in, MIC-in, Front, Rear, Center/Subwoofer     Infineon TPM 1.2 on board supports security functions	
Audio Power		
	Infineon TPM 1.2 on board supports security functions     Standard 20Pin + 4pin ATX power supply	

Mechanical & Environn	nent
Drive Bay	Two 2.5" Hard Disk Bays
Dimension	• 412(W) x 345(H) x 112.50(D) mm
Weight	• Gross 13kg
Operation temperature	• 0°C to 60°C (32° F to 140° F)
Storage temperature	• -20°C to 80°C (-68° F to 176° F)
Relative humidity	• 5% to 95% (Non-Condensing)
Additional Chassis FAN	-
Front Bezel protection	IP65 Compliant
Ordering Information	
PPC-Ci170-N7091-C101	Intel® 7th/6th Generation Xeon®/Core® 17/15/B Processor Socket 1151 Desktop Processor C236 Chipset Based 17" LCD Panel PC with 6 USB 3.0/ 4 USB 2.0/ 6 COM Ports/ VGA/ DVI/ Dual Gigabit LAN, 300W Power Supply/USB Touch Screen Controller and Sensor & Sim Socket 1155 CPLI Cooler



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