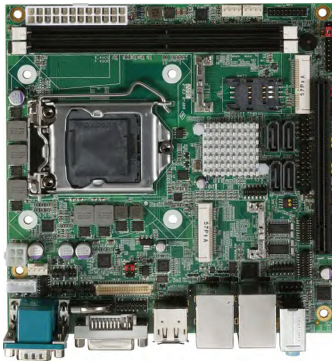


NINO-7091G2V

Intel® 6th Generation Core™ i7/i5/i3/Xeon® Processor Socket 1155 Desktop Processor Q236 Chipset Based ITX Board with 4 USB 2.0/6 USB 3.0/6x COM Ports/VGA /Dual Gigabit LAN



FEATURES

- Intel® 6th Generation Core™ i7/ i5/ i3/ Xeon® E3-1200v5 Desktop socket 1151
- Intel® Q236 Express chipset
- Two DDR4 DIMM 1866 / 2133 MHz up to 32GB
- One Intel® I210 Gigabit LAN and 1 x Intel® 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
- Standard 20-pin + 4 Pin ATX Power Supply

Introduction

NINO-7091G2V ITX Board supporting Intel® 6th Generation Core™ i7, i5, i3/ Xeon E3-1200v5 Desktop Socket 1151 Desktop Processor. NINO-7091G2V supports LVDS function for interface to LVDS Displays. NINO-7091G2V supports 6x Com Port, 4 x USB 2.0, 6 x USB 3.0, one PCIe x16, two Mini-PCIe sockets.

NINO-7091G2V 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"> • 6th Generation Intel® Skylake™ i7 / i5 / i3 series and Xeon® E3-1200 v5 Desktop Processor. - Intel® Core™ i7-6700T Processor (8M Cache, up to 3.60 GHz) - Intel® Core™ i5-6600T Processor (6M Cache, up to 3.50 GHz) - Intel® Core™ i3-6300T Processor (4M Cache, 3.30 GHz) - Intel® Xeon® Processor E3-1275 v5 (8M Cache, 3.60 GHz) • Package Type: FCLGA1151
BIOS	<ul style="list-style-type: none"> • uEFI BIOS. 64Mbit FlashROM with DOS and Windows update utility support.
System Memory	<ul style="list-style-type: none"> • Two DDR4 1866/2133 Mhz DIMM Module up to 32GB • Supports Non ECC Memory only
Chipset	<ul style="list-style-type: none"> • Intel® Q236 Express chipset
Video	<ul style="list-style-type: none"> • Intel® Core™ integrated HD Graphics 530 Technology • Onboard 15-pin CRT interface • Onboard DVI connector • Onboard 24-bit dual channel LVDS connector with +3.3V/+5V/+12V supply • Onboard Display port connector
Ethernet	<ul style="list-style-type: none"> • One Intel® I210 Gigabit LAN and 1 x Intel® I219-LM Gigabit PHY LAN • Support Wake-on-LAN, Remote Boot with PXE and RTL.
On Board I/O	<ul style="list-style-type: none"> • 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)
Watchdog Timer	<ul style="list-style-type: none"> • Programmable watchdog timer for 1~255 seconds.
CMOS	<ul style="list-style-type: none"> • On-board RTC with 242 bytes of Battery-back CMOS RAM.
Audio	<ul style="list-style-type: none"> • RealTek® ALC262 High-Definition Audio chip on-board. • Support Line-in, MIC-in, Front, Rear, Center/Subwoofer
TPM	<ul style="list-style-type: none"> • Infineon TPM 1.2 on board supports security functions
Power	<ul style="list-style-type: none"> • Standard 20Pin + 4pin ATX power supply • Support both AT and ATX mode.
Cooling	<ul style="list-style-type: none"> • One CPU cooling FAN connector nearby CPU socket • One system cooling FAN connectors for chassis or power supply cooling.

Mechanical & Environment

Dimension	• 170x170 mm
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)

Ordering Information

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