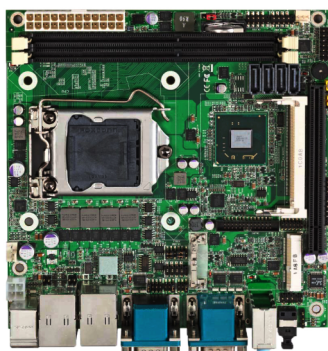


NINO-7081G2V

Intel® Core™ i7/i5/i3 socket 1155 Processor Q77
Chipset Based ITX Board with 4 USB 2.0/ 4 USB
3.0/4 COM Ports/VGA/DVI/Two Gigabit LAN



FEATURES

- Intel® 3rd/2nd Generation Core™ i7/ i5/ i3/ Socket 1155 Processor
- Intel® Q77 Express chipset
- Two DDR3 1066/1333/1600 MHz up to 16 GB
- One Intel® 82574L Giga LAN and One Intel® 82579LM Giga LAN
- Intel® Core™ integrated HD Graphics Technology
- RealTek® 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, 1x Mini PCI
- Standard 24-pin ATX & 4 pin 12V Power Supply

Introduction

NINO-7081G2V ITX Board supporting Intel® 3rd/2nd Generation Core™ i7/i5/i3 Socket 1155 processor. NINO-7081G2V supports VGA & DVI Interface. NINO-7081G2V supports 4x Com Port, 4 x USB 2.0, 4 x USB 3.0, one PCIe x16, One Mini PCIe socket and One Mini-PCI socket.

NINO-7081G2V 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"> • Intel® 3rd/2nd Generation Core™ i7/i5/i3® Socket 1155 processor
BIOS	<ul style="list-style-type: none"> • Pheomix Secure core Tiano.
System Memory	<ul style="list-style-type: none"> • Two DDR3 1066/1333/1600 SO-DIMM up to 16 GB
Chipset	<ul style="list-style-type: none"> • Intel® Q77 Express chipset
Video	<ul style="list-style-type: none"> • Intel® Core i processors integrated HD graphics engine. • Onboard DSUB15 connector for VGA interface • Onboard 20-pin DVI interface
Ethernet	<ul style="list-style-type: none"> • One Intel® 82574L & One Intel® 82579LM Gigabit Ethernet Controller • Support Wake-on-LAN, Remote Boot with PXE and RTL.
On Board I/O	<ul style="list-style-type: none"> • Winbond W83627DHG-P LPC I/F Super I/O chip. • Four serial ports as COM1~COM4. COM2 is RS232/422/485 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. • Onboard programmable 8-bit Digital I/O interface
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® ALC888 high-definition audio chip on-board. • Support Line-OUT, Line-IN, MIC, SPDIF and 2.5W audio amplifiers.
Power	<ul style="list-style-type: none"> • Standard ATX power connectors for system power. • 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)
Vibration	<ul style="list-style-type: none"> • 5-17Hz 0.1" double amplitude displacement • 17-640Hz 1.5G Acceleration peak to peak
Shock	• 10G acceleration peak to peak (11ms)

Ordering Information

NINO-7081G2V	Intel® Core™ i7/i5/i3 socket 1155 Processor Q77 Chipset Based ITX Board with 4 USB 2.0/ 4 USB 3.0/4 COM Ports/VGA/DVI/Two Gigabit LAN
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