

MB-8519G2V

Intel® Core™ i7/i5/i3 4th Generation Processor Based Industrial ATX Motherboard with 14x USB/ 10x COM Ports/ VGA/ HDMI/ Dual Gigabit LAN



FEATURES

- Intel® Core™ i7/5/3 Processor in Socket 1150
- Four 240-pin DIMM sockets Dual-channel DDR3 1066/1333/1600 SDRAM. Max. up to 32 GB memory
- Intel® H87 Express chipset
- Dual Intel® 82583V Gigabit Ethernet Ports
- Integrated Intel® HD Graphics with 2x VGA/1x HDMI connectors
- Realtek® ALC662 High Definition Audio chip on-board
- Multi I/O: 14 x USB, 10 x COM ports, 6 x SATA,
- Expansion Slot: 1x PCIe x16 , 1x PCIe x4 slot, 1x PCie x1, 4x PCI slots .1x mSATA

Introduction

Industrial Motherboard MB-8519G2V based on the Intel® H87 Chipset, supports Intel® 4th Generation Core™ i7/5/3 Processor. Integrated with Intel® HD Integrated Graphic Controller, 10x Com Port, 14 x USB, 6 x SATA Ports.

MB-8519G2V is ideal for developing high-performance systems for industrial Workstation.

Specification

System	
Processor	<ul style="list-style-type: none"> 4th Generation Intel® Core™ processors, LGA 1150 socket Intel® Core™ i7-4790 Processor, 8M Cache, 4.0 GHz, 84W Intel® Core™ i5-4590 Processor, 6M Cache, 3.7 GHz, 84W Intel® Core™ i3-4330 Processor, 4M Cache, 3.5 GHz, 54W Intel® Pentium® G3420 Processor, 3M Cache, 3.2 GHz, 53W Intel® Celeron® G1820 Processor, 2M Cache, 2.7 GHz, 53W
BIOS	<ul style="list-style-type: none"> AMI 64Mbit Flash ROM BIOS
System Memory	<ul style="list-style-type: none"> Four 240pin DIMM Dual-channel DDR3 1066/1333/1600MHz (non-ECC) up to 32GB
Chipset	<ul style="list-style-type: none"> Intel® H87 Express chipset.
Video	<ul style="list-style-type: none"> Intel® Core i processors integrated HD graphics engine. 2x VGA, 1x HDMI on rear I/O.
Ethernet	<ul style="list-style-type: none"> Dual Intel® 82583V Gigabit Ethernet controllers. Support Wake-on-LAN
On Board I/O	<ul style="list-style-type: none"> 1x Connector for PS/2 Mouse/Keyboard 10x Serial ports (1x RS-232/422/485 selectable) <ul style="list-style-type: none"> 1x COM Port (Rear) 9x COM Ports (Header) 6x Serial ATA ports <ul style="list-style-type: none"> 6x SATA 3.0 ports with data transfer rate up to 6Gb/s 1x support mSATA module Integrated Advanced Host Controller Interface (AHCI) controller 14 USB: 4x USB 3.0, 10 USB 2.0 ports (6 x rear; 8 x internal)
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 ALC662 high-definition audio chip on-board. Support Line-OUT, Line-IN, MIC, CD-IN, Surrounding and SPDIF.
Power	<ul style="list-style-type: none"> One 24pins power connector for system power. One ATX-12V 8-pins connector for CPU power. Support both AT and ATX mode.
Cooling	<ul style="list-style-type: none"> One CPU cooling FAN connector nearby CPU socket Three system fan connectors for system cooling

Mechanical & Environment

Form Factor	12" x 9.6" (305mm x 244mm)
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	10% to 90% (Non-Condensing)

Ordering Information

MB-8519G2V	Intel® Core™ i7/i5/i3 4 th Generation Processor Based Industrial ATX Motherboard with 14x USB/ 10x COM Ports/ VGA/ HDMI/ Dual Gigabit LAN
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IO Front View

