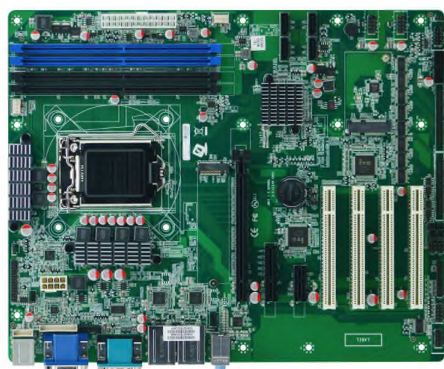


MB-8520G2V

Intel® Core™ i7/i5/i3 6/7th Generation Processor Based Industrial ATX Motherboard with 12x USB/ 10x COM Ports/ VGA/ HDMI/ DisplayPort Dual Gigabit LAN



FEATURES

- Intel® Core™ i7/5/3 Processor in Socket 1151
- Four 288-pin DIMM sockets Dual-channel DDR4 1866/2133 SDRAM. Max. up to 64 GB memory
- Intel® B150 Express chipset
- Dual Intel® i211AT Gigabit Ethernet Ports
- Integrated Intel® HD Graphics with VGA/HDMI/DisplayPort connectors
- Realtek® ALC892 High Definition Audio chip on-board
- Multi I/O: 12 x USB, 10 x COM ports, 4 x SATA,
- Expansion Slot: 1x PCIe x16 , 1x PCIe x4 slot, 1x PCie x1, 4x PCI slots, 1x mSATA, 1x M.2 Slot support M.2 2280 Standard SSD

Introduction

Industrial Motherboard MB-8520G2V based on the Intel® B150 Chipset, supports Intel® 6/7th Generation Core™ i7/5/3 Processor. Integrated with Intel® HD Integrated Graphic Controller, 10x Com Port, 12 x USB, 4 x SATA Ports.

MB-8520G2V is ideal for developing high-performance systems for industrial Workstation.

Specification

System	
Processor	<ul style="list-style-type: none"> • 6/7th Generation Intel® Core™ processors, LGA 1151 socket • AMI 128Mbit Flash ROM BIOS
System Memory	<ul style="list-style-type: none"> • Four 288-pin DIMM sockets Dual-channel DDR4 1866/2133 SDRAM. Max. up to 64 GB memory • Intel® B150 Express chipset.
Chipset	<ul style="list-style-type: none"> • Intel® B150 Express chipset.
Video	<ul style="list-style-type: none"> • Intel® Core i processors integrated HD graphics engine. 1x VGA, 1x HDMI, 1x DisplayPort on rear I/O.
Ethernet	<ul style="list-style-type: none"> • Dual Intel® i211AT 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) • 4x Serial ATA ports <ul style="list-style-type: none"> - 4x SATA 3.0 ports with data transfer rate up to 6Gb/s - 1x support mSATA module - 1x M.2 sbt, support M.2 2280 Standard SSD • 12 USB: 6x USB 3.0, 6 USB 2.0 ports (6 x rear; 6 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 ALC892 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 • One system fan connector 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-8520G2V	Intel® Core™ i7/i5/i3 6/7 th Generation Processor Based Industrial ATX Motherboard with 12x USB/ 10x COM Ports/ VGA/ HDMI/ DisplayPort Dual Gigabit LAN
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IO Front View

