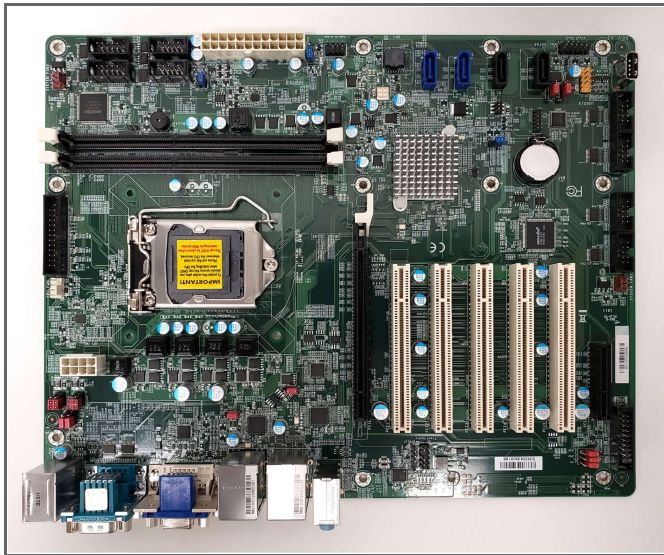




HD632-H81

HD632-H81 Industrial ATX Motherboard



Features

- LGA 1150
- 5 PCI
- 1 PCIe x4
- 1 PCIe x16
- 10x COM, LPT
- Dual Gigabit LAN

HD632-H81 Industrial Motherboard

The HD632-H81 industrial motherboard is a long-life ATX motherboard with 5 PCI slots, 1 PCIe x16 slot and 1 PCIe x4 slot. This motherboard is based on the Haswell architecture, accepting Generation 4 LGA 1150 Intel processors and utilizing the well-established Intel H81 Express chipset.

On-Board VGA, DVI-D, 4x SATA, Dual GbE LANs, 10x COM

The HD632-H81 industrial motherboard has multiple on-board features commonly sought after on an industrial board. VGA and DVI-D to take advantage of Intel HD graphics, HD audio, and dual gigabit LANs are all incorporated right on the rear panel.

- Supports Generation 4 Core i3, i5 & i7 Processors
- Intel H81 Chipset
- 2 x DDR3 1600 MHz Memory Sockets up to 16 GB RAM
- Dual Video, VGA AND DVI-D ports
- 4 SATA Ports (2 x SATA 3, 2 x SATA 2)
- On-board RAID 0, 1, 5, 10
- Dual Gigabit LANs
- 2 x USB 3.0 (rear), 7 x USB 2.0 (4 rear, 3 via headers)
- 1 x PCIe x16, 1 x PCIe x4, and 5 x PCI slots
- 10 x COM Ports (9 x RS-232, 1 x RS232/422/485), 1 x LPT, PS/2

Technical Specifications

CPU Socket Type	LGA 1150
Chipset	Intel H81
Channel Supported	Dual Channel
CPU Type	Core i7 / i5 / i3 / Pentium / Celeron
Number of Memory Slots	2x240pin
Memory Standard	1600 / 1333 DDR3 (non-ECC)
Maximum Memory Supported	16GB
PCIe 3.0 x16	1
PCIe 2.0 x4	1
PCI	5
SATA 3.0	2
SATA 2.0	2
SATA RAID	0 / 1 / 5 / 10
Graphic Controller	Intel HD Graphics
VGA	1
DVI-I	1
Audio Controller	Realtek ALC886 HD Audio Codec
Ethernet Controller	2x Intel I210 GbE LAN
PS/2	1x Keyboard/Mouse
USB 3.0	2x rear
USB 2.0	4x rear, 2x internal
Serial	10x COM (COM1-2 rear, COM3-10 internal)
Serial Types	COM1-2 (RS-232 0V/5V/12V), COM3 (RS-232/422/485 0V/5V/12V), COM4-10 (RS-232 0V/5V/12V)
Parallel	1 (pin header)
Watchdog Timer	255-level
Super I/O Controller	Nuvoton NCT6106D
GPIO	8-bits (4x GPI, 4x GPO)
Power Supply	ATX 24-pin, 12V 8-pin
Operating Temperature	0-60 C
Operating Humidity	10-90% non-condensing
Storage Temperature	-20-85 C
Storage Humidity	10-90% non-condensing
Regulatory Compliance	FCC, CE, RoHS, KC