



## ITX-LV-67AD

### LV-67A Industrial Mini-ITX Motherboard



#### Overview - LV-67A Industrial Mini-ITX Motherboard

The LV-67A industrial mini-ITX motherboard is a long-life board that incorporates an LGA775 socket with the Intel Q45 Express chipset. Built-in Intel GMA graphics deliver integrated dual-display support. This industrial board has a PCI slot, and a Mini-PCI socket for additional expansion requirements. For storage requirements, the LV-67A offers 6 SATA II interfaces and supports board level RAID 0, 1, 5, and 10. Intel Matrix Storage Technology is supported, which provides quicker access to applications and data under RAID 0 and 10 along with increased data protection against a drive failures under RAID 1, 5, and 10.

#### Dual LAN, 3 Rear Panel Serial Ports, VGA

Packing a lot of functionality into a small form factor, the LV-67A industrial mini-ITX motherboard has 3 serial ports on the rear panel, along with dual gigabit ethernet LAN. This is a long-life board with high quality components that is perfect for industrial environments.

- Socket 775 supports Core 2 Quad, Core 2 Duo, Celeron CPUs
- Intel Q45 Express & ICH10DO chipsets
- 800/1066/1333 MHz FSB
- 2 x DDR3 Slots for up to 4 GB RAM
- Integrated VGA

- 2 x Gigabit ethernet LANs
- Serial ATA, RAID, 4-USB ports, 1-PCI slot, more

## Technical Specifications

CPU Socket Type	LGA 775
Chipset	Intel Q45 Express
Channel Supported	Dual Channel
CPU Type	Core 2 Quad / Core 2 Duo / Celeron D
Number of Memory Slots	2x240pin
Memory Standard	1066 / 800 DDR3 (non-ECC)
Maximum Memory Supported	4GB
PCI	1
Mini-PCI	1
SATA 2.0	6
SATA RAID	0 / 1 / 5 / 10
FDD	1
Graphic Controller	Intel GMA 4500
VGA	1
Audio Controller	Realtek ALC888 HD Audio Codec
Ethernet Controller	2x Intel 82574L GbE LAN
PS/2	1x Keyboard, 1x Mouse
USB 2.0	4x rear, 4x internal
Serial	4x COM (COM1-3 rear, COM4 internal)
Serial Types	COM1 (RS-232/422/485 0V/5V/12V), COM2-4 (RS-232 0V/5V/12V)
Watchdog Timer	256-level
GPIO	8-bits (4x GPI, 4x GPO)
IrDA	1
Power Supply	ATX 24-pin, 12V 4-pin
Operating Temperature	0-60 C
Storage Temperature	-20-85 C
Regulatory Compliance	FCC, CE