

Mini-ITX motherboard

LV-679

Support Intel Core 2 Duo / Celeron M Mobile CPU with DDRII SO-DIMM, CRT, LVDS, DVI, Gigabit LAN, PCI slot, 1394, Mini PCI, 7.1 Channel HD Audio, RS232/422/485 port, Serial ATAII, IDE and Compact Flash socket



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| Form Factor | Mini-ITX motherboard |
| CPU | Support Intel Core 2 Duo / Celeron M Mobile Processor Package type: Micro-FCPGA478 Front side bus: 533/667/800 MHz |
| Memory | Two DDRII 533/667MHz DIMM up to 3GB with dual channel Interleaved mode |
| Chipset | Intel GME965 & ICH8-M(82801HBM) |
| Real Time Clock | Chipset integrated RTC with onboard lithium battery |
| Watchdog Timer | Generates a system reset with internal timer for 1min/s ~ 255min/s |
| Power Management | ACPI 1.0 compliant, supports power saving mode |
| PCI Enhanced IDE | One 44-pin UltraATA33 IDE interface supports up to 2 ATAPI devices |
| Serial ATA Interface | 3 x serial ATAII interface with 300MB/s transfer rate |
| VGA Interface | Intel integrated extreme GMA X3100(Graphic Media Accelerator) Technology |
| Video Memory | Up to 384MB shared with system memory |
| LVDS interface | Onboard 24-bit dual channel LVDS connector with +3.3V/+5V/+12V supply |
| DVI Interface | Two Chrontel CH7307C DVI transmitter with onboard 26-pin DVI interface |
| Audio Interface | Intel integrated ICH8-M with Realtek ALC888 HD Audio |
| LAN Interface | Two Intel 82573L Gigabit LAN |
| Solid State Disk | IDE supports 44-Pin DiskOnModule with +5V/+3.3V power supply, One Compact Flash Type II |
| GPIO interface | Onboard programmable 8-bit Digital I/O interface |
| Extended Interface | One PCI slot, Two Mini PCI socket to support Mini PCI Type IIIA |
| Internal I/O Port | 1 x RS232/422/485, 1 x slim FDD port, 1 x GPIO port, 1 x Parallel Port, 4 x USB ports, 1 x IrDA, 1 x IDE, 1 x LVDS , 1 x LCD inverter connector, 2 x DVI, 1 x HDTV, 1 x Front panel Audio connector and 1 x CDIN connector |
| External I/O Port | 1 x PS/2 Keyboard/Mouse Port, 2 x RJ45 LAN ports, 1 x DB15 VGA port, 4 x USB2.0 ports, 2 x IEEE1394 port, 1 x RS232 port , 7.1 Channel Audio Output, 1 x SPDIF connector |
| Power Requirement | Standard 20-pin ATX power supply or 8~30V full range DC Input |
| Dimension | 170mm x 170mm |
| Temperature | Operating within 0~60 centigrade Storage within -20~85 centigrade |

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Ordering Code

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| LV-679D | Intel® Core™ 2 Duo Mini-ITX Motherboard with onboard VGA, LAN, SATA, USB 2.0 ports Audio, IEEE1394, RS232/422/485, Mini PCI, PCI, 1x DVI interface |
| LV-679D2C | Same as above, but with 2 x DVI interface and Compactflash socket on the solder side. |

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