

Embedded Single Board Computer

Intel Pentium- M & LVDS Mini-ITX Solution

LV-671

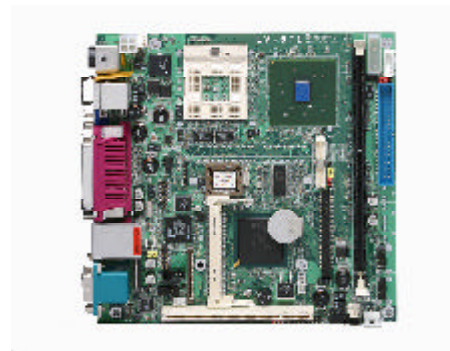
Built-in Intel Pentium-M Mobile Technology

Mini-ITX Socket 479 DDR Motherboard

With Intel 855GM/ ICH4 Chipset, 400 MHz FSB

Intel Extreme Graphics 2, 24-bit LVDS and TV-out

Intel Giga LAN, 5.1CH & SPDIF Audio



Form Factor	Mini-ITX, 170mm x 170mm (W x L)
CPU	Socket 479 Intel Pentium-M @ 400 MHz FSB
Memory	One 184-pin DIMM socket support up to 1GB DDR266/200 SDRAM support ECC
Chipset	Intel 855GM chipset with 82855 GMCH-M and 82801DB ICH4
Watchdog timer	Generates system reset with 1 to 255 sec./min. of time out value
Expansive Interface	1 x slim PCI slot and optional mini-PCI or mini-AGP socket
PCI Enhanced IDE	One 40-pin primary and one 44-pin secondary Dual UltraATA/100 IDE interface
VGA Interface	Intel 82855 GMCH-M with Dynamic video memory up to 64MB with system shared memory
LCD interface	24-bit dual channel LVDS interface support up to 1600 X 1200 resolution
TV-out	Optional TV-out encoder with RCA and S-video output on daughter board
LAN interface	Intel PRO/1000+ LAN with Intel 82540EM controller
USB 2.0	Intel ICH4 built-in Hi-Speed USB 2.0 interface with up to 480Mbps data transfer
PC Card Slot	One PCMCIA slot with Type II/I PCMCIA 2.1 and one Compact Flash Type II/I Socket
Audio Interface	Intel ICH4 with Realtek ALC650 AC '97 Codec with 5.1Channel output
Multi-I/O Port	2 x COM port, 1 x parallel, 6 x USB 2.0, 1 x IrDA, 1 x FDD, 1 x PS/2 keyboard and mouse port.
External I/O Port	Back panel : PS/2 keyboard and mouse port, VGA, parallel port, Dual COM port, Speaker-out, SPDIF, LAN, Dual USB2.0, DC power input.
Environment	Power Requirement: Single 19V 6A DC input or 12V 10A DC input. Board Dimension (W x L): 170mm x 170mm with standard Mini-ITX form factor. Operation Temperature: 0 ~ 60oC (32 ~ 140oF)
Ordering Code	LV-671MP Mini-ITX Socket 479 Pentium-M DDR motherboard With Intel 855GM/ ICH4 Chipset, 400 MHz FSB, DDR 266/200 SDRAM Intel VGA, LAN, Audio, PDIF, USB 2.0, PCMCIA, Compact Flash, Mini-PCI socket LV-671MA Mini-ITX Socket 479 Pentium-M DDR motherboard With Intel 855GM/ ICH4 Chipset, 400 MHz FSB, DDR 266/200 SDRAM Intel VGA, LAN, Audio, PDIF, USB 2.0, PCMCIA, Compact Flash, Mini-AGP socket

Online product information detail and updates are available at: <http://www.commell.com.tw>