

Industrial Single Board Computer

Intel Pentium 4 Mobile & LVDS Mini-ITX Solution



LV-670M

Mini-FlexATX / Mini-ITX Embedded Motherboard
Mobile Intel Pentium 4 Processor -M
Intel Extreme Graphics, 24-bit Dual Channel LVDS
Intel PRO/100+ LAN, 5.1-CH & SPDIF Audio
TV-out, Hi-Speed USB 2.0, IEEE 1394 Interfaces



Form Factor	Mini-FlexATX (Mini-ITX), 170 x 170 mm (W x L)
CPU	Socket 478 Intel Mobil Pentium 4-M CPU up to 2.5GHz @ 400 MHz FSB On-die 512KB L2 cache, Micro-FCPGA package, FAN FREE OPERATION Intel Netburst Micro-architecture
Memory	One 184-pin DIMM socket supports up to 1 GB DDR200/266/333 SDRAM
Chipset	Intel Brookdale-GV chipset with 82845GV GMCH and 82801DB ICH4
Watchdog Timer	Generates NMI or system reset with 1 to 255 sec. / min. of time out value
Expansive Interface	1 x PCI slot supports up to 2 x PCI bus master of add-on cards with riser card
PCI Enhanced IDE	One 40-pin primary and one 44-pin secondary UltraATA/100 IDE interfaces
VGA Interface	Intel 845GV GMCH built Intel Extreme Graphics with 266 MHz VGA core, Intel Dynamic Video Memory up to 64MB shared with system memory
LVDS LCD Interface	Chrontel CH7011 built-in LVDS transmitter up to 1600x1200 of resolution Support 24-bit Dual channel LVDS interface for TFT LCD flat panel
TV-out Interface	Chrontel CH7017A built-in TV-out encoder with AV and S-Video output
LAN Interface	Intel PRO/100+ LAN with Intel ICH4 and 82562ET phy
Hi-Speed USB 2.0	Intel ICH4 built-in Hi-Speed USB 2.0 interface with up to 480 Mbps of data transfer rate
IEEE 1394	Agere FW323 IEEE 1394 controller with 100/200/400 Mbps of data transfer rate
Audio Interface	Intel ICH4 with ACL650 AC97 3D audio codec with 5.1 channel, line-in, line-out, Mic-in, CD-in and SPDIF interface
Multi-I/O Port	1 x COM, 1 x parallel, 4 USB 2.0, 1 x IrDA, 1 x FDD, 1 x PS/2 keyboard and mouse port
External I/O Panel	PS/2 keyboard and mouse port AV/S-video TV-out, VGA, LPT port Dual USB 2.0, LAN port IEEE 1394, Audio line-in, line-out, mic-in, SPDIF
Solid State Disk	DiskOnModule IDE-based, bootable, driver free flash disk with up to 512 MB of capacity M-systems DiskOnChip IDE Pro with TrueFFS and ECC/EDC data protection
Environment	Power Requirement: ATX power connector Board Dimension (W x L): 170 x 170 mm. Standard Mini-FlexATX form Factor Operation Temperature: 0 ~ 60°C (32 ~ 140°F)
Ordering Code	LV-670M Mini-ITX Mobile Intel Pentium 4-M Embedded Motherboard with LVDS, VGA, LAN, Audio, USB 2.0, IEEE 1394, TV-out interface (without Pre-installed Mobile Intel Pentium 4 CPU)

For further product information please visit the website at <http://www.ansso.com>

Annso Technology Co.,Ltd

TEL: +86-769-81666360 , 81666395-97

Website:www.ansso.com

FAX: +86-769-81666306

E-mail:sales@ansso.com.cn

