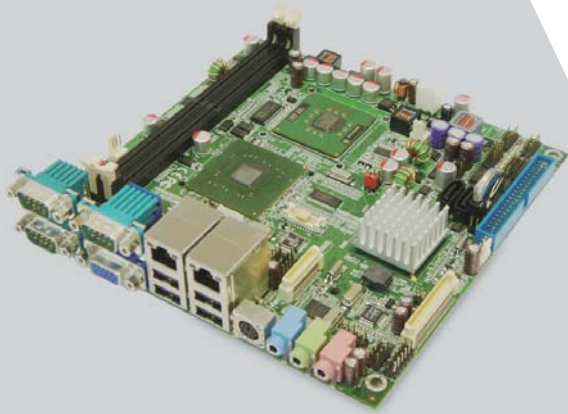


# Mini-ITX Form Factor

## ADE-6000

Multi-Function Intel® ULV Celeron® M Processor based Mini ITX Board with Dual Display, Dual Gigabit Ethernet, SATA, Audio, COM & USB



### Kernel Specs

- Intel® ULV Celeron® M Processor Onboard
- Intel® 910GMLC Chipset, 400 MHz FSB
- Dual View Display by VGA/DVI, VGA/LVDS, LVDS/DVI
- Dual 10/100/1000Base-T Ethernet
- Optional TPM 1.2 with Intel® LT
- Six COM Ports, Eight USB 2.0 Ports
- Docking Connectors for Expansion
- Single Power Input with DC-in 12V

### Specifications

#### System

CPU	Intel® Celeron® M Processor ULV 600 MHz with 512K L2 cache or Intel® Processor 1 GHz without L2 cache
FSB	400 MHz
BIOS	Award BIOS with 4 Mb SPI Flash EEPROM
System Chipset	Intel® 910GMLC + ICH6M
I/O Chip	Winbond W83627DHG I/O controller
System Memory	2 x 240-pin DIMM socket supports DDR2 400/533 MHz SDRAM Max. up to 2 GB memory
Storage	1 x Parallel ATA IDE ports with UDMA 33, ATA-66/100 support 2 x Serial ATA 150 ports
TPM (Security)	Optional Infineon SLB9635 supports TPM 1.2 with Intel LT
Watchdog Timer	Reset: 1 sec.~255 min. and 1 sec. or 1 min./step
H/W Status Monitor	Monitoring system temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats.
GPIO	Onboard programmable 8-bit Digital I/O interface
Expansion	Optional Docking board supports SDVO, PCI interface, 2 x PCI-E x1, 24 V Powered USB interface

#### MIO

Internal I/O	2 x RS-232, 1 x RS-232/422/485, 4 x USB 2.0
Back Panel I/O	1 x VGA, 1 x Audio jack, 3 x RS-232, 2 x RJ-45, 4 x USB 2.0, 1 x KB & Mouse

#### Display

Graphics Controller	Intel® 910GMLC integrated GMA 900 graphics
Display Memory	Intel® DVMT 3.0 supports up to 128 MB video memory
Resolution	Analog display : up to 2048 x 1536 @ 75Hz (QXGA) LVDS : up to 1600 x 1200 (UXGA)
Display Interface	DSUB-15 connector for VGA output
LVDS	Default Dual channel (2x18-bit) LVDS & optional Chronitel CH7308B LVDS transmitter for dual channel (2x24-bit) w/ docking board
DVI	Chronitel CH7307C DVI transmitter

#### Audio

HDAC/AC97 Codec	Realtek® ALC655 5.1 CH audio codec
Audio Interface	Line in, Line out, MIC phone Jack

#### Ethernet

Controller	Dual Realtek RTL8111B Gigabit Ethernet controllers
Ethernet Interface	IEEE 802.3 10BASE-T/100BASE-TX/1000BASE-T

#### Mechanical & Environmental

Power Requirement	TBD
Power Type	DC-in 12V with 4-pin connector/ATX function
Operating Temperature	0~60°C (32~140°F)
Operating Humidity	0%~90% relative humidity, noncondensing
Size (L x W)	6.69" x 6.69" (170 mm x 170 mm)
Weight	0.94 lbs (0.43 Kg)

### Ordering Information

ADE-6000-C6 : Intel® ULV Celeron® M Processor based Mini ITX Board with Dual Display, Dual Gigabit Ethernet, SATA, Audio, COM & USB

ADE-6000-P1: Intel® Processor 1 GHz without L2 cache based Mini ITX Board with Dual Display, Dual Gigabit Ethernet, SATA, Audio, COM & USB

### Drawing

