

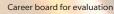
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CeleronM CPU Board



 CPU board of COM Express Basic size
Intel(r) CeleronM processor and 82855GME chip set (Selectable from 600MHz/1.0GHz/1.3GHz)
DDR333-compatible SO-DIMM socket x1
(Capable of incorporating 1GB max. of memory ready for ECC)

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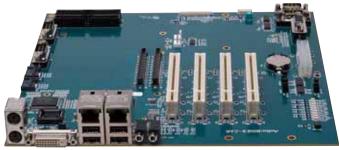
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CeleronM CPU Board

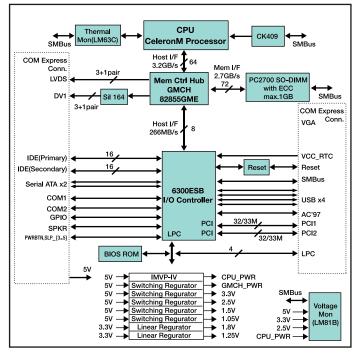
Features

CPU board of COM Express Basic size High-performance, low-power, and small CPU board produced in Japan adopting Intel(r) CeleronM processor and 855GME + 6300ESB chip set Capable of incorporating 1GB max. of main memory having ECC function to correct 1 bit of error automatically I/O functions and bus signals collected in the high-density connector on the same standard as COM Express, which should be stacked on the carrier board (I/O base board) in use. Modular board of which carrier board can be freely designed for various size and various combinations of connectors



Career board for evaluation

Block diagram





Specifications

| CPU | Intel® CeleronM processor (600MHz · 1.0GHz · 1.3GHz) L1 cache: 32KB/32KB L2 cache: 512KB |
|----------------------|--|
| Memory | DDR333-compatible SO-DIMM socket x1 (Capable of incorporating 1 GB max. of memory ready for ECC) Boot ROM: 1 MB of firmware hub FLASH memory |
| System I/O | VGA: 1 port: 1280x1024@24bit USB (USB 2.0 standard) × 4 Serial ATA × 2 IDE × 2 UXGA (1600 × 1200)-compatible VGA AC'97 (Component 2.2 standard) × 1 PCI bus interface (32bit/33MHz) × 2 LPC, SMBus , LVDS, DVI, GPI × 4, GPO× 5 |
| RAS function | Watch Dog Timer containing 6300ESB is usable. Monitoring temperatures of CPU interior and board around CPU is enabled.Monitoring CPU core voltage and voltage of 5V/3.3.V/2.5V is enabled. |
| Power supply voltage | DC5V±5% |
| Board size | 95×125mm |
| | |

Please consult us regarding your specific custom requirements



Note: The following specifications and product appearance are subject to change for enhancement without notice.

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DINV

IS09001

Certification

4016-1995-AQ-

KOB-RvA Rev.1

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Certification

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