

CPCPU31 CPU Card

CompactPCI CPU Card



■ Outline

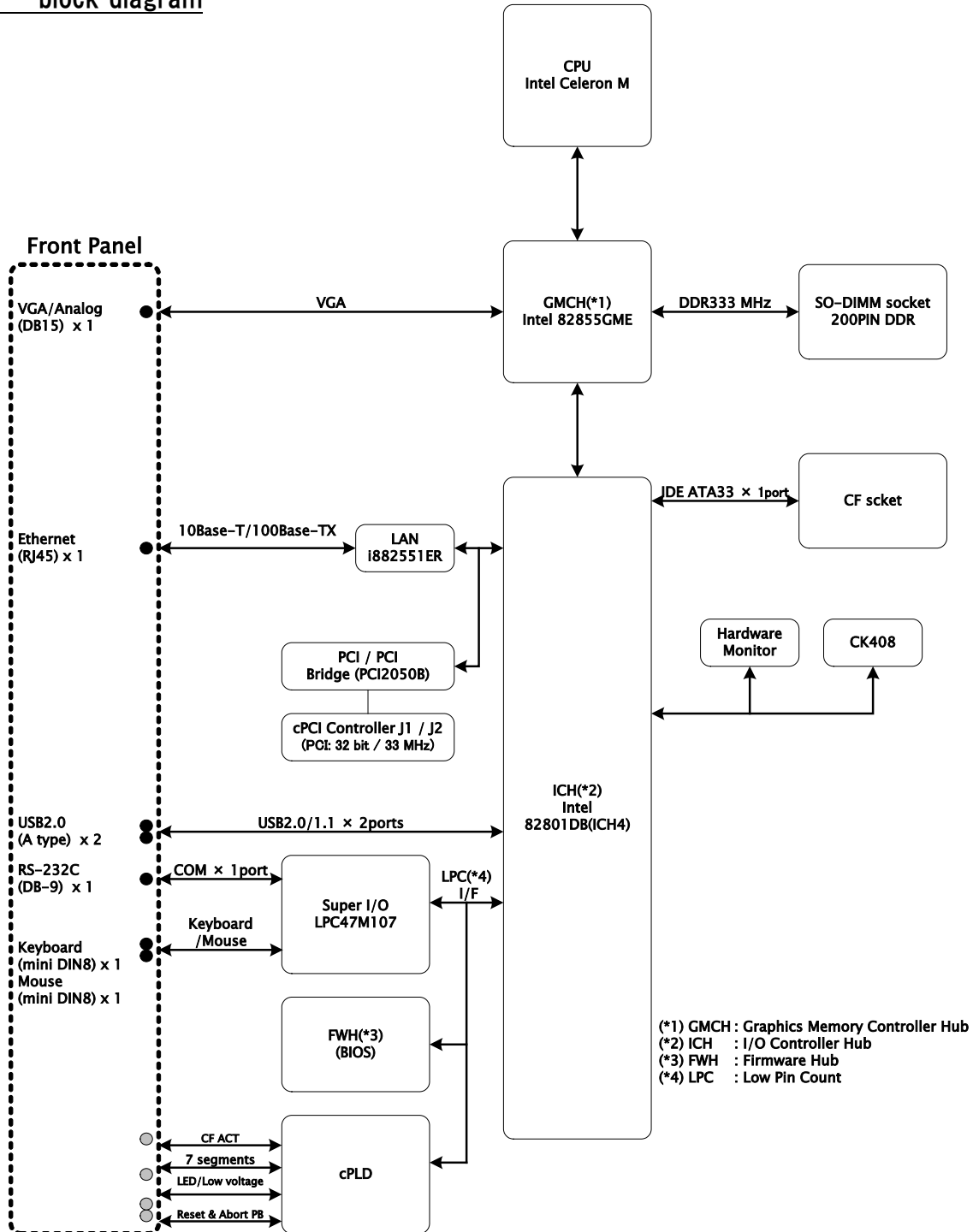
- * 133 Mbps CompactPCI bus
- * Intel/ULV Celeron processor (1 GHz)
- * 512 KB L2Cache
- * Synchronous DRAM (PC2700/ECC)
- * Boot ROM 512 KB
- * Ethernet (10BASE-T/100BASE-TX) interface × 1
- * Serial port (EIA/RS232C) × 1
- * CPU reset / Abort PB × 1

ITEM	SPECIFICATION
CPU	Intel/ULV Celeron M processor
CPU clock	1 GHz
CPU external bus clock	400 MHz
Secondary cache	512 KB
Chip set	GMCH: Intel 82855GME ICH: Intel 82801DB
Boot ROM	512 KB
Compact Flash	256 MB standard Note) Must use DIASYS designated products
Main memory	256 MB with ECC standard implement
Data protection function	ECC (1 bit error auto-correction) mode standard
Ethernet interface	10BASE-T/100BASE-TX × 1
Serial interface	EIA/RS232c interface (9 pins D-Sub connector) Controller: PC16550DV equivalent × 1
User interface	LED (Card status indication) <ul style="list-style-type: none"> · PWR · CF ACT · LINK (Yellow) · ACT (Green) 7SEG LED (Card status indication) Push button (for operation) <ul style="list-style-type: none"> · RESET · ABORT
Bus standard	PCI local bus specification R2.2 base PICMG 2.0 R3.0 base
Exchange part	Lithium battery: PA54010-0022*1 *1: Due to discontinue of BR2032
Environmental conditions	(Operating) Temperature: 0 to 55°C Humidity: 20 to 80% RH (No condensation) (Storage) Temperature: 0 to 55°C Humidity: 20 to 80% RH (No condensation)
Power supply	DC 5 V +5% to -5% 4 A DC 3.3 V +5% to -3% 2 A
Dimensions	174 mm (D) × 128 mm (H) × 40 mm (W) (3U × 2 Slots)

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CPCPU31 block diagram



When using, please read the instruction manual attached to the product carefully and use it properly.

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