

CPCPU31 CPU Card

CompactPCI CPU Card



■ Outline

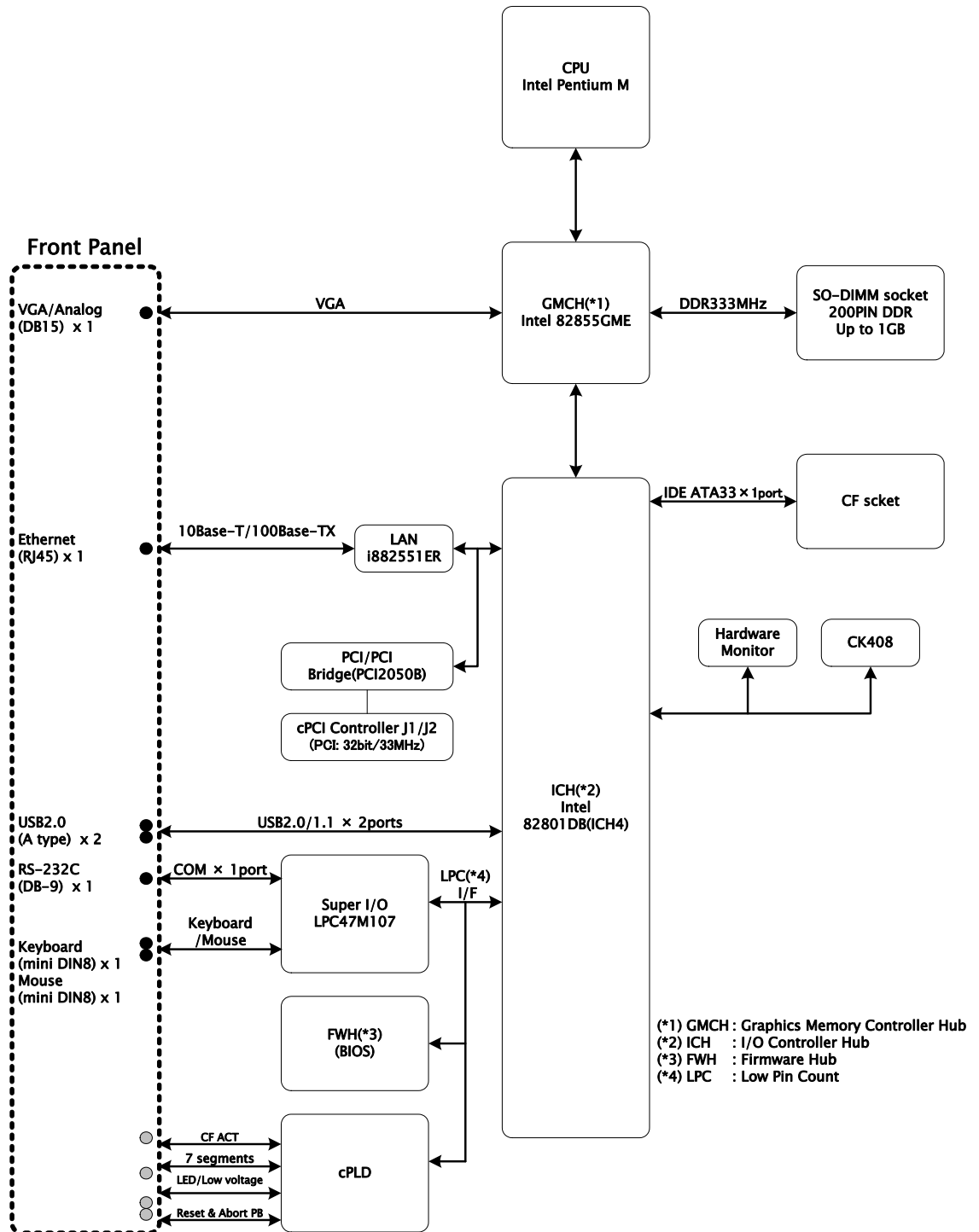
- * 133Mbps CompactPCI bus
- * Intel/ULV Celeron processor (1GHz)
- * 512KB L2Cache
- * 1GB(Maximum) Synchronous DRAM(PC2700/ECC)
- * Boot ROM 512KB
- * Ethernet(10/100Base-TX) interface ×1
- * Serial port (EIA/RS232C) ×1
- * CPU reset / Abort PB ×1

ITEM	SPECIFICATION
CPU	Intel/ ULV Celeron M processor
CPU clock	1GHz
CPU external bus clock	400MHz
Secondary cache	512kB
Chip set	GMCH : Intel 82855GME ICH : Intel 82801DB
Boot ROM	512KB
Compact Flash	256MB standard ※ Must use DIASYS designated products
Main memory	1GB(Maximum) (256MB with ECC standard implement)
Data protection function	ECC (1 bit error auto-correction) mode standard
Ethernet interface	10/100 BASE-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 (Once 5 years)
Environmental conditions	(Operating) Temperature: 0 ~ 55 °C Humidity: 35 ~ 95 % RH (No condensation) (Storage) Temperature: -10 ~ 70 °C Humidity: under 80 % RH (No condensation)
Power supply	DC 5V +5% ~ -5% 4A DC 3.3V +5% ~ -3% 2A
Dimensions	174mmD × 128mmH × 40mmW (3U × 2 Slots)

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CPCPU31 block diagram



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