

CPCPU31 CPU Card

CompactPCI CPU Card



■ Outline

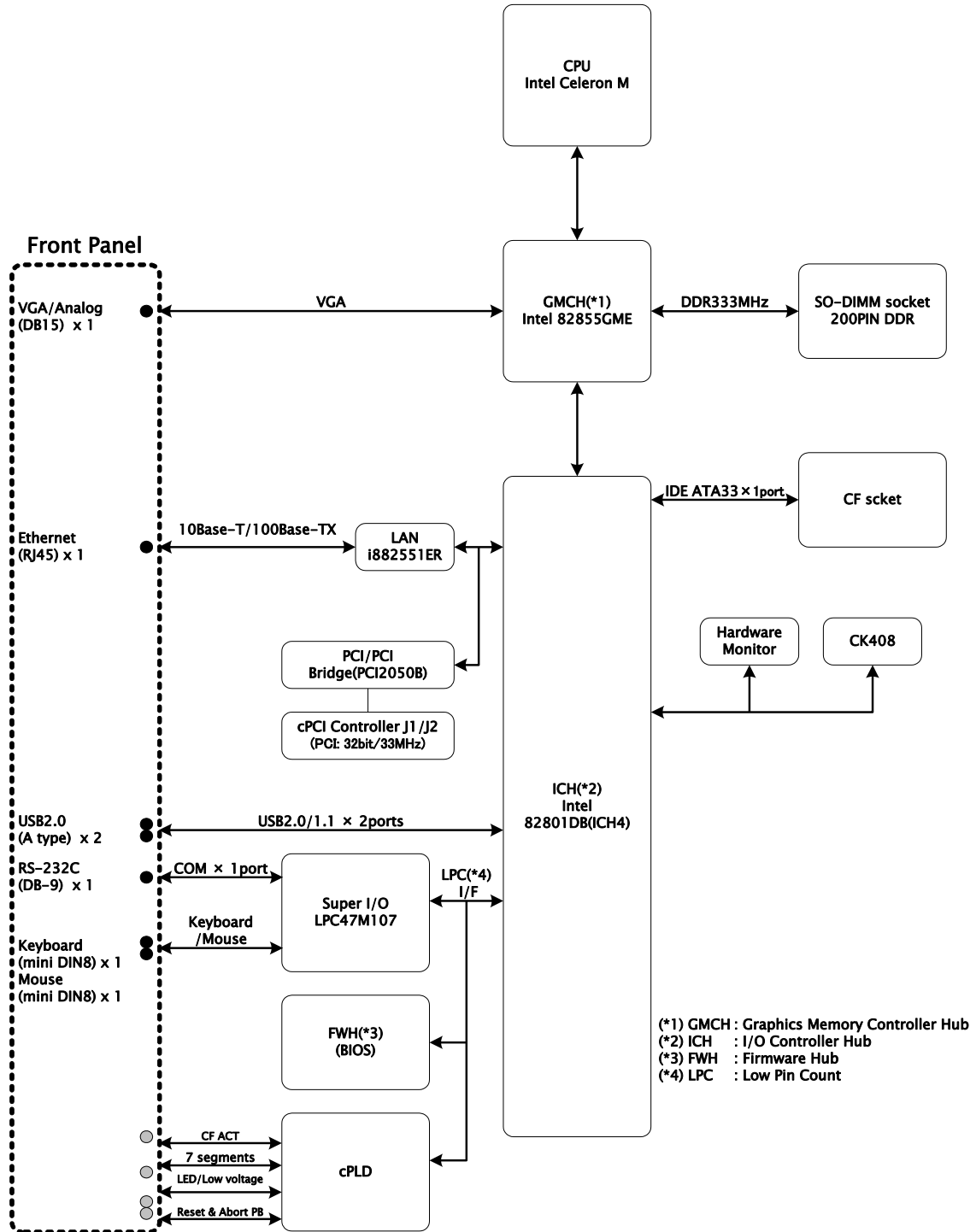
- * 133Mbps CompactPCI bus
- * Intel/ULV Celeron processor (1GHz)
- * 512KB L2Cache
- * Synchronous DRAM(PC2700/ECC)
- * Boot ROM 512KB
- * Ethernet(10BASE-T/100BASE-TX) interface × 1
- * Serial port (EIA/RS232C) × 1
- * CPU reset / Abort PB × 1

ITEM	SPECIFICATION
CPU	Intel/ ULV Celeron M processor
CPU clock	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	256MB 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※ ※Due to discontinue of BR2032
Environmental conditions	(Operating) Temperature: 0 ~ 55 °C Humidity: 20 ~ 80 % RH (No condensation) (Storage) Temperature: 0 ~ 55 °C Humidity: 20 ~ 80 % RH (No condensation)
Power supply	DC 5V +5% ~ -5% 4A DC 3.3V +5% ~ -3% 2A
Dimensions	174mmD × 128mmH × 40mmW (3U × 2 Slots)

CPCPU31 CPU Card

CompactPCI CPU Card

CPCPU31 block diagram



When using, please read the instruction manual attached to the product carefully and use it properly.
 This catalog may not be distributed or reproduced in whole or in part without permission.
 Please be aware that due to product improvements and modifications, the product description in this catalog may differ in certain respects from the actual product.
 DIASYS Netmation/DIASYS Netmation4S is a registered trademark of Mitsubishi Power, Ltd.
 The service names and product names of other companies described in this catalog are the trademarks or registered trademarks of each company.