

# Industrial Single Board Computer

## Ultra Compact Barebone System

### CMB-671

Intel Pentium M/Celeron M Platform

Intel 855GME chipset with DDR333

Onboard VGA, Gigabit LAN, Mini-PCI/Mini-AGP

Serial port, USB2.0

AC97 5.1 Channel Audio



Front



Rear

<b>CPU</b>	Intel Pentium M/Celeron M processor Package: mPGA478/mBGA479 L2 Cache: 512KB/1MB/2MB Front side bus: 400MHz <b>Optional Enhanced Intel SpeedStep® technology support</b>
<b>Memory</b>	1 x 184-pin DDR266/333 SDRAM up to 1GB
<b>Chipset</b>	Intel 855GME and ICH4
<b>Drive Bay</b>	One 2.5 inch HDD and one slim type 5.25 inch CD-ROM
<b>VGA Interface</b>	Intel 855GME builds in Intel Extreme Graphic 2 technology
<b>Video Memory</b>	Up to 64MB shared with system memory
<b>Audio Interface</b>	Intel ICH4 integrated with Realtek ALC655 5.1 CH AC97 Codec
<b>LAN Interface</b>	1 x Intel 82540EM Gigabit Ethernet Controller
<b>Solid State Disk</b>	1 x Compact Flash Type II socket
<b>Extended Interface</b>	1 x Mini-PCI or 1 x Mini-AGP socket 1 x PCMCIA type II card bus slot 1 x slim type PCI slot ( <b>Up to one PCI device supported for CMB-671</b> )
<b>External I/O Port</b>	1 x RJ45 LAN ports, 1 x DB15 VGA port and 1 x PS/2 Keyboard/Mouse Port, 2 x RS232 Serial Ports, 1 x amplified Speaker out, 1 x S/PDIF, 2 x USB2.0 ports, 1 x parallel port, 1 x DC-in mini-DIN
<b>Cooling System</b>	One 40mm x 40mm x 3500rpm system cooler

<b>Power Requirement</b>	DC 12V/19V auto-switching
<b>Input Voltage Range</b>	11V~13V for 12V power supply 16V~19V for 19V power supply
<b>Input Current</b>	12V/60W (Intel Pentium M 1.3GHz with 5.25" CDROM & 3.5 HDD) 19V/60W (Intel Pentium M 1.3GHz with 5.25" CDROM & 3.5 HDD)
<b>Dimension</b>	180mm x 178mm x 87mm
<b>Temperature</b>	Operating within 0~60 centigrade Storage within -20~85 centigrade

## Packing List

40-pin ATA33 IDE Cable (24cm) x 1

44-pin ATA33 IDE Cable (7cm) x 1



4-pin to 4-pin Power Cable x 1



12V/80W AC to DC adapter x 1

Adapter Power Cord x 1

Printed Manual and Driver CD x 1

PCI-2P1 one to one PCI riser Card x 1

## Ordering Code

**CMB-671MA** Mini-ITX Socket 479 Pentium-M processor Motherboard inside with Intel Extreme VGA, LAN, 5.1-CH/SPDIF Audio, Hi-Speed USB 2.0, **mini-AGP** socket

**CMB-671MP** Mini-ITX Socket 479 Pentium-M processor Motherboard inside with Intel Extreme VGA, LAN, 5.1-CH/SPDIF Audio, Hi-Speed USB 2.0, **mini-PCI** socket

**MA-ATI** Mini-AGP add-on card with ATI M10 graphic

**MA-DVI** Mini-AGP add-on card with DVI interface

**MA-HDTV** Mini-AGP add-on card with HDTV/SDTV interface

For further product information please visit the website at <http://www.commell.com.tw>