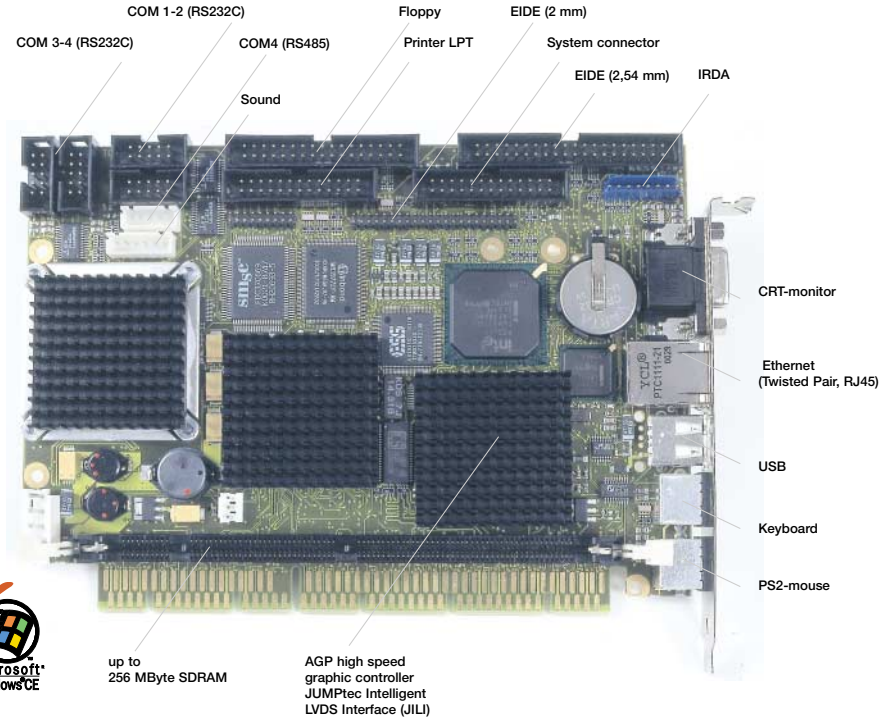
*All-In-One Half Size **Intel® Celeron™** and **Intel® Pentium® III PISA®** Slot-CPU*
with LCD-Flat panel interface, Sound, 100 MBit Ethernet, IRDA, USB and PISA®-Bus (PCI+ISA)

*coo*MONSTER/P3
*coo*MONSTER/C3



Picture of fanless Intel® Celeron® 300 MHz board

Description

*The coo**MONSTER**/P3 is an "**all in one**" Intel® Pentium® III based slot PC with consistent low power design. Despite the very compact half size format it's possible to integrate the PISA® (PISA®=PCI+ISA) bus and a full featured set of interfaces.*
Beside all standard interfaces (four serial ports, one as RS232 or RS485, EPP/ECP parallel port, floppy, EIDE, USB and IRDA port) a Soundblaster compatible sound-chip and a high speed AGP video controller (ATI RAGE MOBILIBTY) is available. It can operate CRT monitors and LCD flat panels in parallel even with different screen content. Flatpanel displays with highest resolutions can be connected via the dual LVDS easily. Up to 8 MByte of video memory are already on chip at the graphic controller.

*Two EIDE ports, one with 40-pin connector, the other with 44-pin 2 mm connector, are available to support various mass storage devices. The **JUMPtec®** chip**DISK**, a IDE compatible flash disks up to 256 MByte, can be attached and mechanicaly fixed, directly to this connector.*
*Additionaly the coo**MONSTER** is equipped with a switchable Ethernet 10/100Base-T interface (Twisted Pair).*
For highest reliability an intelligent watchdog timer and a system monitoring to control temperature and fans are integrated.
*The coo**MONSTER**/P3 offers high performance in parallel with highest reliability and lowest cost.*

*coo**MONSTER**/P3* ***... always a Jump ahead!***

Ordering-Information

Article	Part.-No.	Description
CMP/C3-300	07025-0000-30-1	Intel® ULP Celeron™ 300 MHz FANLESS, 4 MByte AGP Grafic, 4xCOM, Sound, 10/100 MBit Ethernet, PISA®-Bus, no Memory.
CMP/P3-400	07025-0000-40-1	Intel® LP Pentium® III 400 MHz, 4 MByte AGP Grafic, 4xCOM, Sound, 10/100 MBit Ethernet, PISA®-Bus, no Memory.
CMP/P3-700	07025-0000-70-1	Intel® LP Pentium® III 700 MHz, 8 MByte AGP Grafic, 4xCOM, Sound, 10/100 MBit Ethernet, PISA®-Bus, no Memory.
CMP/P3-850	07025-0000-85-1	Intel® LP Pentium® III 850 MHz, Intel 440GX chipset, Sound, 10/100 MBit Ethernet, PISA®-Bus, no Memory.

Technical Data

- ***CPU***
  Intel® Mobile Pentium® III 850 MHz, Intel® 440GX
  Intel® Mobile Pentium® III, Intel® 440BX
  400 to 700 MHz, low power dissipation
  Intel® Celeron™ 300 MHz, Intel® 440BX
  ultra low power dissipation, fanless
- ***DRAM***
  1 DIMM sockets
  up to 256 MByte SDRAM
  with GX chipset up to 512 MB SDRAM
- ***Cache***
  L1: 32 kByte on chip
  L2: 256 kByte on chip
- ***Sound***
  Soundblaster compatible
  Full duplex
  Line In and Line Out stereo
  Mic In mono
  3D audio effect processor
- ***System Controller***
  Fan and Temperature Control supported via SMI (System Management Interface)
- ***High Speed AGP video controller***
  ATI RAGE MOBILITY
  4 / 8 MByte Video RAM on Chip
  Simultaneous and independent operation of LCD and CRT (Win9x/2000/XP)
  DVD hardware support
  MPEG-2 hardware support
  2D/3D Acceleration
- ***Resolutions CRT and LCD***

VGA	640x480	full color
SVGA	800x600	full color
XGA	1024x768	full color
SXGA	1280x1024	full color

- ***LCD Panel Support***
  JUMPtec Intelligent LVDS Interface (JILI)
- ***Serial interfaces***
  4 x RS232 (16 Byte FIFO)
  one switchable to RS485
- ***Parallel port***
  EPP/ECP, bi-directional
- ***Floppy interface***
- ***Harddisk***
  EIDE interface
  Ultra33 DMA mode
- ***Ethernet***
  10/100Base-T Twisted Pair (RJ45)
- ***USB port***
- ***IRDA interface***
  Sharp-IR and IRDA SIR
- ***Dimensions***
  175x125 mm (6.9x4.9")
- ***Power Consumption***
  15 .. 25 Watt
  depending on processor clock and operating system
- ***Temperature***
  operation: 0° to 50°C
  storage: -10° to 85°C
- ***Max. humidity***
  operation:10% to 90%
  storage: 5% to 95%
  (non condensing)

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