

IEM-8522

ETX CPU Module with Intel® Pentium® M/ Celeron® M CPU, USB 2.0, LAN and Audio



Solder Side



FSB 400

DDR266



1
Single Board Computer

2
VIDEO CARD

3
Xscale Solutions

4
Open HMI

5
VITO Universal Controller

6
DINO BLADE

7
LCD Product Series

8
Embedded System

9
Industrial Computer Chassis

10
Power Supply

11
Peripherals

Features

1. ETX form factor for flexible base board design
2. Intel® Pentium® M/ Celeron® M CPU FSB 400MHz on-board
3. Single channel DDR 200/266MHz up to 1GB
4. Support VGA, dual-channel 18-bit LVDS
5. 2 x RS-232, 4 x USB 2.0, LAN, Audio ready for baseboard

Specifications

- ◆ **CPU**
On-board Celeron® M 600MHz 512K cache/ 1.0GHz zero cache processor with 400MHz FSB
- ◆ **System Chipset**
Intel® 852GM + ICH4
- ◆ **BIOS**
AMI
- ◆ **System Memory**
1 x 200-pin single channel DDR 200/266MHz up to 1GB
- ◆ **Ethernet**
10/100Mbps Intel® 82562ET Ethernet chipset
- ◆ **I/O Interface**
2 x RS-232
1 x LPT
4 x USB 2.0
2 x IDE
1 x FDD
1 x KB/MS
- ◆ **Expansion**
4 x PCI bus master
ISA support by ITE IT8888G
- ◆ **IrDA**
1 x IrDA by pin header
- ◆ **Super I/O**
Winbond W83627HG
- ◆ **Display Interface**
VGA integrated in Intel® 852GM
18-bit dual channel LVDS
- ◆ **Audio**
Realtek ALC655 with AC'97 codec
- ◆ **Watchdog Timer**
Software programmable supports 1 ~255 sec. system reset
- ◆ **Power Supply**
AT/ATX support
- ◆ **Power Consumption**
5V@3.5A (Celeron® M 1.0GZ, 256MB DDR 333MHz)
- ◆ **Temperature**
Operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ **Humidity**
Operation: 5% ~95% non-condensing
- ◆ **Dimensions**
95mm x 114mm
- ◆ **Weight**
GW: 650g / NW: 90g

Packing List

- 1 x IEM-8522 Single Board Computer
- 1 x Heat sink
- 1 x Utility CD
- 1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
IEM-8522E-R10	Socket 479 Intel® Pentium® M/ Celeron® M ETX CPU Module with LAN Function
IEM-8522-1GZ-R10	ULV Intel® Celeron® M 1GHz Zero Cache ETX CPU Module with LAN Function
IEM-8522-600-R10	ULV Intel® Celeron® M 600MHz 512 Cache ETX CPU Module with LAN Function

IEM-DB-7S-RS-R30

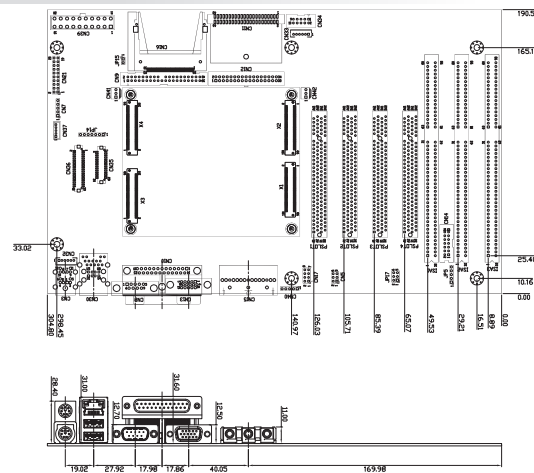
Full Function ETX Baseboard with VGA/LVDS/TTL, Audio, CF Type II and Digital I/O



Specifications

CPU Module Interface	ETX Form Factor
LCD Interface	1x30-pin, 2x18-bit dual channel LVDS
Expansion Slot	1x40-pin, 24-bit TTL
SSD	4 x PCI, 3 x ISA
Audio	CF Type II
Ethernet Connector	Line-in, Speaker out, Mic-in
RS-232	1 x RJ-45
RS-232,422,485	1
KB/MS	2 x PS/2
LPT	1
VGA	1
USB 2.0	4
IDE Connector	2
FDD	1
Digital I/O	4 Inputs, 4 Outputs
IR Connector	5 pin-header
Power Supply	ATX

Dimensions



Packing List

- 1 x IEM-Baseboard Single Board Computer
- 1 x FDD Cable (P/N: 32200-000017-RS)
- 1 x HDD Cable (P/N: 32200-000052-RS)
- 1 x RS-232/422/485 Cable (P/N: 32200-000063-RS)
- 1 x Mini Jumper Pack
- 1 x User Manual

Ordering Information

Part No.	Description
IEM-DB-7S-RS-R30	ATX Size 7 Slots ETX Baseboard