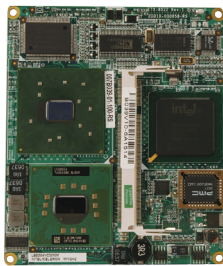


IEM-8522

ETX CPU Module with Intel Pentium M / Celeron M CPU on-board, 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 Channels 18-bit LVDS and TV-out
5. 2 x RS-232, 4 x USB 2.0, LAN, Audio ready for base board

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 Singal 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
- ◆ Expansions
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 ~ 60°C (32 ~ 140°F)
- ◆ Humidity
operation: 5% ~95 non-condensing
- ◆ Dimensions
95 mm x 114 mm
- ◆ Weight
GW: 650 g / NW: 90 g

Packing List

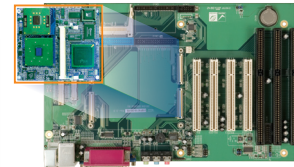
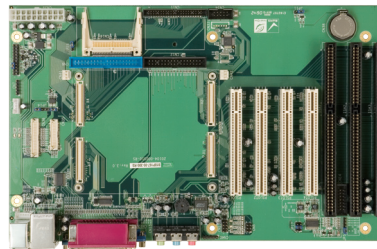
- 1 x IEM-8522 Single Board Computer
- 1 x Heatsink
- 1 x Utility CD
- 1 x QIG

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

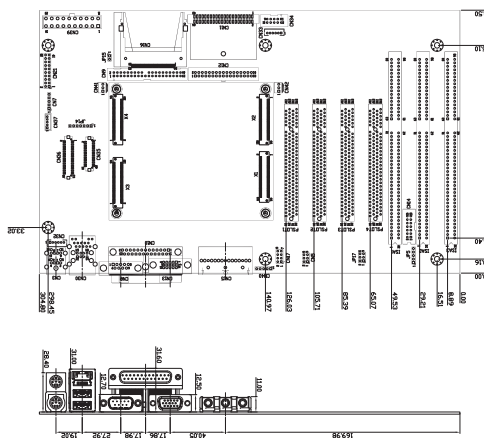
Full Function ETX Baseboard with VGA/ LVDS/ TTL, Audio, CF type II & Digital I/O



Specifications

| | |
|----------------------|---|
| CPU Module Interface | ETX Form Factor |
| Displan Interface | 1 x 30-pin 48-bit DFP for LVDS 1 x40-pin for 24bit TTL |
| Expansions Solt | 4 x PCI, 3 x ISA |
| SSD | CF Type II |
| Audio | AC'97 codec |
| Ethernet Connector | 1 x RJ-45 |
| RS-232 | 1 |
| RS-232,422,485 | 1 |
| KB/MS | 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 cabel (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 |