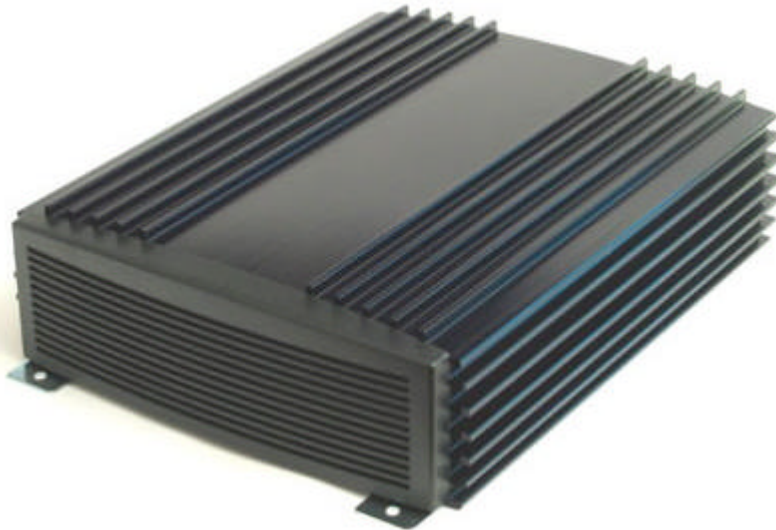


powered by
Intel® Core Duo

▶ VPC986 - VPC986F



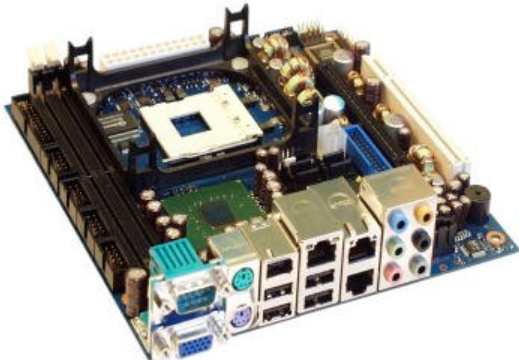
Compact Embedded PC

- ▶ **Compact Design**
- ▶ **Extruded Aluminium Profile**
- ▶ **Integrated Automotive Power Supply**
- ▶ **Auto-start and stop by Vehicle Ignition**
- ▶ **Intel® Core™ Duo Platform Technology**
- ▶ **Automotive Hard Disk Drive in option**
- ▶ **Fanless design (VPC986F version)**



► **Product Overview**

The VPC986 is based on the popular Mini-ITX motherboard form factor. By reducing the cost of the PC and offering the most recent technology of KONTRON motherboard, the VPC986 family is a powerful base unit for embedded project.



986 LCD mPGA478 socket

Processor Type Intel® Yonah and Merom Core Duo (T2300 to T2600) 1.6GHz up to 2.16GHz

986 LCD mBGA479 - Fanless

Processor Type Intel® Celeron M ULV 1.06GHz on board BGA Passive cooler

Common features

Processor and Chip Sets

Chip Sets Intel® 945GM FSB 533MHz
Memory 512MB DDR2 up to 3GB
Hard Disk SATA 80GB up to 250GB

Communication Interface

10/100/1000 base-T Ethernet (x3)
USB 2.0 (4 internal + 4 external)
RS232C serial port (3 internal + 1 external)
IEEE1394 FireWire (1 internal + 1 external)
Audio 7.1ch HDA / AC97 compliant
PS2 keyboard and mouse

Operating System

Microsoft® Windows® XP Professional

Video

Graphic controller Integrated Intel® GMA950
Output CRT output
LDVS Internal output
(Independent dual display)

Power

DC/DC Integrated Automotive Power Supply
12V to 24 VDC range (Max. 6V to 28VDC)
Auto-start and stop Ignition mode
External ON/OFF switch output

Dimension & Weight

263 x 215 x 75 mm (10.4" x 8.5" x 2.9")
3.5 Kg (7.7 lbs) - 986LCD Version



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