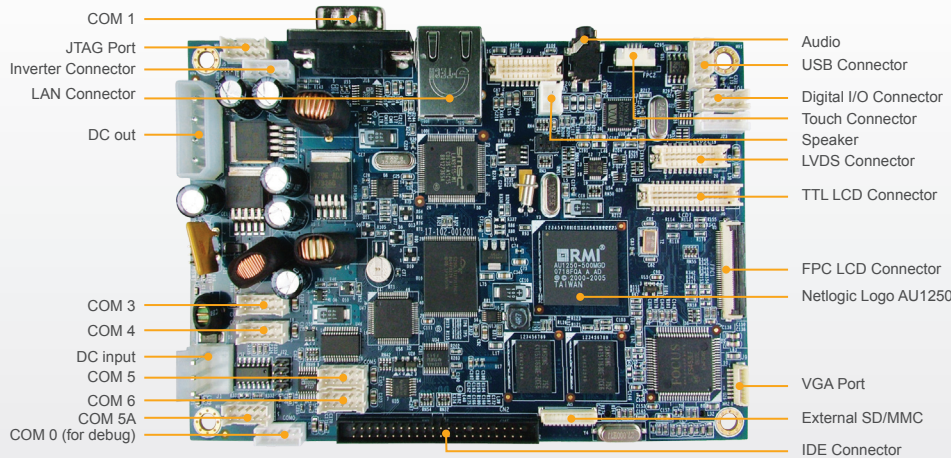


MIPS base Motherboard / Netlogic Logo CPU / Win CE5.0 / SD



Features

- Netlogic Logo AU1250 features low power consumption and cost-efficiency
- Rich I/O ports support various peripheral
- Compact architecture for space saving application
- Ideal solution to industrial mobile device & portable media gadget
- Provide Linux 2.6 source code included original BSP

Specifications

System

CPU Support	Netlogic Logo AU1250 500MHz
OS Image	OS Microsoft Windows CE 5.0
Display	Support Mpeg (1,2,4, H 263, DivX, WMV9) Resolution 800 x 600 (up to 1024 x 768) Support 18bit TTL TFT LCD
LAN Chip Type	SMSC9115 10/100M base T
NAND Flash	512Mb (64M x 8 bit) on board
NOR Flash	512Mb (64M x 8 bit) on board
SDRAM	128M byte DDR2 (533 MHz)
Watchdog (WDT)	Hardware watchdog timer
Dimension	145 mm x 102 mm
Certificate	FCC / CE

I/O Ports

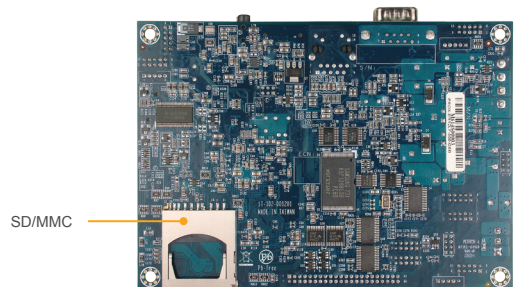
IDE Interface	1 x 44 pin IDE connector
LCD Interface	2 x 15 pin connector for 18bit TTL LCD 1 x 40 pin FPC connector 2 x 10 pin connector for LVDS
Serial Port	6 x COM (COM 0 for debug, COM 1, COM 3 ~ COM 6 for RS232 COM 5A for RS232 / RS422 / RS485)
LAN	1 x RJ45 connector (10/100 Non-PCI Ethernet)
VGA interface	Support VGA port (option)
Sound+ Touch panel CODEC	AC' 97 Audio + Touchpanel CODEC 1 x 2-pins internal speaker
USB	2 x 5 pin support USB2.0 OTG/ HOST connector
Inverter	1 x 5 pin connector for 12V inverter
Touch Panel	1 x 4 pin FPC connector for 4-wire touch panel 1 x 5 pin P=2.0 connector for 5-wire touch panel
SD/MMC	1 x SD/MMC slot, 1 x 12 Pin for External SD/MMC
Digital I/O	4 bit input and 4 bit output digital port availability
System Status	2 x 4 pin for Power, HDD LED, ON/Reset SW

Environment

Power Supply	DC in (14~30V) only (3 Pin headed), AT & ATX supported
Power Requirement	19V / 1.0A
Operation Temp.	0° ~ 60° C (32° ~ 140° F)
Storage Temp.	- 40° ~ 85° C (- 40° ~ 185° F)
Humidity	Operation humidity 20 ~ 90%, storage humidity 20 ~ 95%

*All information contained in this document is subject to change without prior notice. Please log on www.protech.com.tw to acquire latest information.

Rear View



Ordering Information

Order No	Description
BE-0012RA-59P	3.5" Netlogic Logo AU1250 500MHz (Industrial) w/TTL/LVDS/6COM/ LAN/ Audio/4DIO; w/o VGA/ RS422/RS485
BE-0012RA-60P	3.5" Netlogic Logo AU1250 500MHz (Industrial) w/TTL/LVDS/6COM/ RS422-RS485/ LAN/Audio/WDT; w/o VGA/4DIO

Packing List

Part No	Description
27-012-1220311	2.5mm DC Jack Power Cable L=150mm
27-024-12203031	Debug port cable - COM L=150mm

Ordering Accessories

Part No	Description
52-351-11070124	7" LCD Panel (LED Backlight source)
27-000-11205091	7" LCD Panel Cable
52-380-08407007	7" Touch Panel, 4-Wire Resistive type
52-002-09065001	65W/19V Output AC to DC Power Adaptor
13-500-08280018	Speaker 8Ω/2W (L= 60mm)
27-006-12206111	2-PORT USB CABLE (L=300mm)
27-024-12204031	COM PORT CABLE (L=200mm)
51-108-02020100	WinCE 5.0 run-time license (WinCE-50-OPK)