

Model name UPLAN Specifications version 1.1 Date 24/05/02

Processor I/F (Socket 370)

Support 1 processor through Socket 370

Support 66/100/133MHz FSB (Front Side Bus)

Support Intel CPU Coppermine and Tualation and Celeron processors

Note: the CPU Vcore over 1.825 v (not include PPGA)

CPU Frequency/Voltage Select

Support CPU Multiplier selection by BIOS or hardware

Support CPU External Frequency selection by BIOS

Chipset

Intel 815EP chipsets

North Bridge Intel 82815EP GMCH

South Bridge Intel 82801BA ICH2

Memory

DRAM interface may be faster/slower than CPU by 133MHZ

Support PC100/PC133 SDRAM

Support Unbuffered DIMMS

Support 32MB to 512MB using 16Mb/64Mb/128Mb technology

Support up to 2 double-sided DIMMS

Graphics

Using PCI I/F VGA card

LAN

Four Intel 82559ER—

10BASE-T/100BASE-TX

128 Kbyte Flash interface

Full duplex support at both 10 and 100 Mbps operation

IEEE 802.3u Auto-Negotiation

Management

Support voltage monitoring($\pm 2V/\pm 5V/+3.3V/V_{core}/V_{tt}$)

Support fan control signal (CPU/SYS/AUX)

Support temperature sensor (CPU/SYS/AUX)

Support BIOS ROM Flash control(S/W protection)

General I/O

- PCI 2.2 compliance
- Support 32-bit/33MHz PCI interface
- Support 2 channel Ultra ATA/100 Bus
- Support Compact Flash Card
- Support Floppy interface
- Support 2 16550 UART interface
- Support ECP/EPP interface
- Support PS2 interface
- Support USB interface(Expanded capabilities for 4 ports)
- Provide 1 GPIO Port(8bit)

Expansion Slot,Sockets and Connector

- One Socket 370 socket
- Two DIMM sockets
- One PCI RISER slot
- Two IDE connectors
- One FDC connector
- Two External Serial Port connectors
(optional One box header or RJ45 connector)
- One External Parallel Port connector (or Pin header)
- One PS/2 Mouse and Keyboard Pin header
- One External USB*1 (or USB*2) connectors and two USB*2 Pin header
- One GPIO Port pin header
- One Compact Flash socket
- One DiskOnChip socket
- One VGA pin header (Only 815E)
- Four RJ45 for LAN port connector

Power requirement

- ATX 180W

Other

- ATX Form
- 4 Layer design
- Size 305mm*170mm