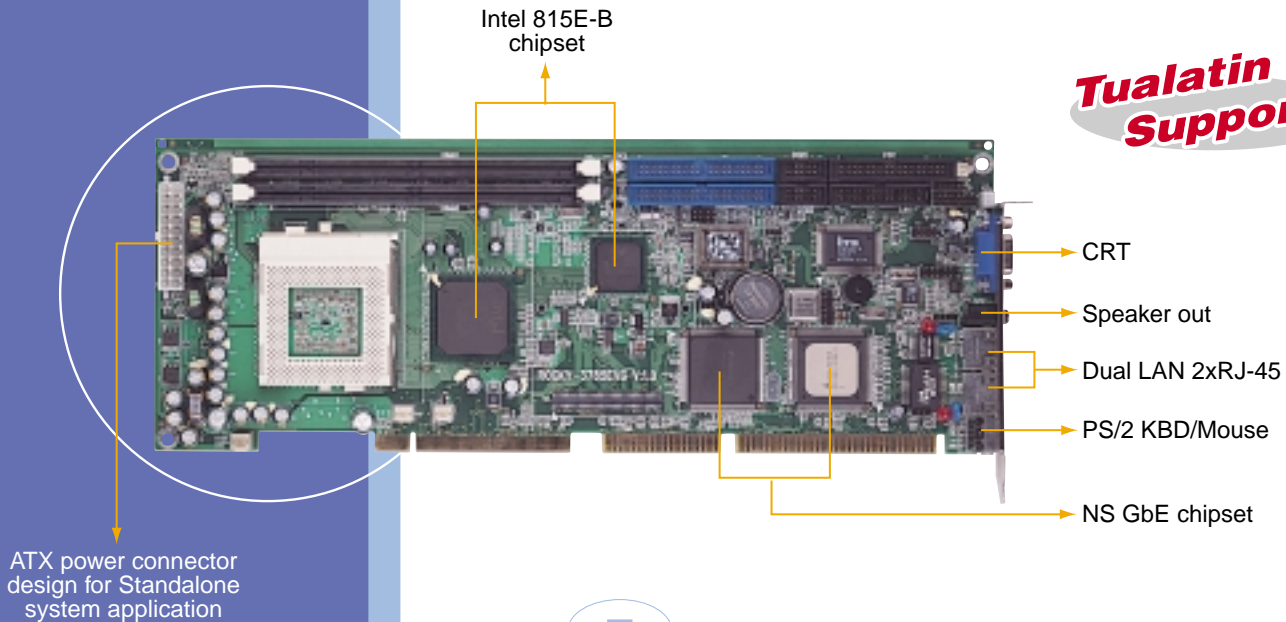


ROCKY-3785EVG

Socket-370 Processor CPU Card with VGA/LAN & Gigabit LAN/Audio

**Tualatin
Supports**



SPECIFICATIONS

What is 1000BASE-T Gigabit Ethernet Twisted-Pair Media System ?

The 1000BASE-T were developed in the 802.3ab supplement to the IEEE standard, which was formally adopted in July 1999. Supporting 1 billion bits per second over unshielded twisted-pair(UTP) cable is a remarkable achievement.

ROCKY-3785EVG's on board 1000BASE-T Ethernet port is fully compatible with your existing 10/100Mbps network. It provides scalable migration path from Ethernet and Fast Ethernet to Gigabit Ethernet performance.

The following media components are used to build a 1000BASE-T twisted-pair segment:

- Category 5 UTP cable.
- Eight-position RJ-45-style modular connectors that meet or exceed Category 5 specifications.

"Tualatin" is Intel PIII processor with 512KB L2 cache code name

The Intel® Pentium® III processor with 512KB L2 Cache is designed for high-performance workstations and servers.

- Available in 1.4GHz for a 133MHz processor side bus
- Manufactured on state-of-the-art 0.13µ process technology
- 512KB advanced transfer cache-on-die, full-speed Level 2(L2) cache with Error Correcting Code (ECC)
- Flip-Chip Pin Grid Array 2 (same as for FC-PGA with an Integrated Heat Spreader)
- 1.26GHz / 1.45V Vcore / Max.29.5W power consumption



- **CPU:** support Tualatin, Pentium® III, Celeron™ CPU with 66/100/133MHz FSB
- **System Chipset:** Intel® 815E type B
- **System Memory:** Max. 512MB, 2xDIMM
- **Display :** Intel 815E chipset integrated with share memory architecture (DVMT)
Resolution : Max. 1600x1280, 8-bit colors
- **Ethernet:** 1 x 10/100Mbps : Built-in Intel® 815E chipset(i82562)
1 x Gigabit Ethernet : NS DP83820(83821)/83861 Gigabit Controller
Support 10/100/1000Mbps Ethernet Operation(ROCKY-3785EVG)
- **Audio :** AC'97 compliant Audio CODEC
- **I/O :**
 - 2 x RS-232 serial port (16C550 UARTs compatible)
 - 1 x parallel port (SPP/EPP/ECP)
 - 2 x USB 1.1 (Pin header)
 - 1 x IrDA (SIR)
 - 1 x FDD port, support 1.44MB, 2.88MB, 3-mode function
 - 2 x ATA-100 channels
- **Provide on board PCI interface connector for future expansion**
- **Hardware monitoring**
- **ATX power control function**
- **WDT:** software programmable, support 1~ 255 sec. system reset
- **Power Consumption:**
5V@7.6A, 12V@230mA (Intel 1GHz CPU with 256MB Memory)
- **Operating Temp:** 0-60°C (CPU need cooler)
- **Relative Humidity:** 5-95%, non-condensing
- **GW:** 900g

ORDERING INFORMATION

- **Rocky-3785EVG** Socket 370 base SBC with VGA, LAN, Gigabit LAN, without CF
- **Rocky-3785EV** Socket 370 base SBC with VGA, LAN, without CF
- **CB-USB02** Dual ports USB cable with bracket