

MSTI Unveils eBox-3800SL & eBox-3850PS EmbedBox



Media Stream Technologies Inc unveils eBox-3800SL series, the exquisite, loft, dexterous embedded devices. It is the new generation product introduced by MSTI on the basis our strong commitment to the eBox brand and channel.

The eBox-3800SL series is an ultra-compact native x86 platforms optimized for today's demanding







embedded and productive applications. By 170 mm x 120 mm, it is ideal for limit space requirement. With an VIA Eden™-N Nano 800Mhz processor in fanless structure and ultra low-power consumption, the eBox-3800SL series is the perfect platform for a wide range of small and affordable application devices.

The eBox-3800SL series intergrades CLE266 chipset featuring hardware with MPEG-2 accelerator for silky smooth DVD playback. It has onboard 256MB DDR266, the high data transfer speed ATA/133 IDE and one X-PCI slot for expansion. Its high bandwidth connection is supported by two USB 2.0 connections and 10/100 Ethernet.

eBox-3800 series is not only fully compatible with Microsoft® Windows series and Linux O/S but further for all embedded operating systems such as Windows XP Embedded. It can broadly be applied to embedded applications, such as Mini PC, Thin Client, POS, KIOSK, network devices, and industrial applications.



Features

-  On-Board VIA EDEN Nano 800Mhz (Fanless)
-  On-Board 256MB DDR266
-  On-Board 10/100Mbps LAN
-  On-Board Audio
-  1 x UltraDMA 44p IDE connector
-  2 x USB 2.0 ports (one on front)

Specification

System	
CPU	Onboard VIA EDEN-N Nano BGA processor
BIOS	AMI BIOS
System Chipset	VIA CLE266 / VT8235
I/O Chip	VIA VT1211
System Memory	Onboard 128 / 256MB DDR266
Expansion	1 x X-PCI connector

I/O	
MIO	1 x EIDE (UltraDMA 133), 1 x LPT** 1 x RS-232**, 1 x PS/2 K/B, 1 x PS/2 Mouse
USB	2 x USB 2.0 Ports (one on front)

Display	
Chipset	Integrated VIA UniChrome 2D/3D Graphics with MPEG2 Accelerator
Display Memory	8/16/32 MB share system memory
Resolution	CRT mode : 1280 x 1024 @32 bpp (85Hz) LCD/Simultaneous mode : 1280 x 1024 @ 32 bpp (85Hz)

Audio	
AC97 2.2 (Codec)	VT1616
Audio Interface	Line out, Line in, Mic in

Ethernet	
Chipset	VT6103 10/100 Base-T
Remote Boot ROM	built-in boot ROM function

Mechanical & Environment	
Power Requirement	+5V @ 4.5A (with VIA Eden-N 800Mhz, 256MB DDR266 & Laptop HDD)
Operating Temperature	0 ~ 60 °C (32 – 140 °F)
Operating Humidity	0% - 90% relative humidity, non-condensing
Size (W x H x D)	170 x 124 x 38 mm / 170 x 124 x 58 mm**
Weight	780 g / 940 g**

Note:

* The specification is subject to change without prior notice

** Option for eBox-3850PS