

	<p>KEY FEATURES</p> <ul style="list-style-type: none"> ▶ Integrated x86/ MMX compatible processor with fan-less features ▶ SiS55X SoC(System on chip) chipset ▶ Max. 512MB SDRAM memory in 1 SO-DIMM slot ▶ AGP 4X compatible, Direct DVD to TV playback (Optional), TTL TFT LCD interface ▶ One ADMTek AN983B 10/100Base-T fast Ethernet LAN ▶ AC 97 ver.2.0 Audio ▶ TV-out and S-video port (Optional)
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DESCRIPTION

3.5" SoC (System on Chip) Low Power x86/ MMX Embedded Controller w/CPU/VGA/TV-out/LAN/Audio/MPEG 2

Tiny SoC Embedded Board For I.A. and Streaming Media

ASAN ST today announced its first SiS SoC-based embedded main board to explore the entry level applied computing market as well as the Information Appliance, especially Streaming Media applications

SPECIFICATIONS

System Architecture	3.5" size drive foot-print PCI V2.2 compliant
CPU	Integrated x86/MMX compatible processor
Memory	Max. 512MB SDRAM memory, 144-pin SO-DIMM x1
BIOS	Optional software shutdown and wake on LAN function(5Vsb power is required) APM(Advanced Power Management) support ACPI(Advanced Configuration & Power Interface) support 4M bits flash ROM Award system BIOS
Chipset	On-board SiS55x SoC(System-on-Chip)
LAN	Boot from LAN function Wake-up from LAN ADMTek AN983B Ethernet LAN port x1 Full duplex compliant with IEEE802.3X
Audio	Chipset and AC97 ver. 2.0 compliant interface, Multi-stream Direct Sound and Direct Sound 3D acceleration
VGA	AGP 4X compliant / fully DirectX 8 compliant Supports shared system memory up to 128 MB 128-bit 2D engine with a full instruction set 2 Independent Overlay Windows with blending/scaling functions Supports OSD/PIP/EPG and dual view functions Optional TV-out and LVDS LCD interface for EBC350A only - Cooperate with "SiS301LV video bridge" to support NTSC/PAL video output, LVDS LCD - Supports two independent video Window with overlay function and scaling factors - RCA TV-out & S-video output Optional Advanced H/W MPEG II Hardware accelerator for EBC350A only - Optional DVD accelerator: MPEG-2 ISO/IEC 13818-2 MP@ML and MPEG-1 ISO/IEC 11172-2
Expansion	Mini-PCI socket
Demensions	143mm(L)x102mm(W)
I/O interface	USB portx2 Buzzerx1 Audio Interface: - Internal: CD audio-in, Line-in, - External: Microphone-in, speaker-out(Amplifier 1.5W) RJ45 with LED connector x1. Video: CRT DB15 x1. TV-out portx1. HDD: Ultra DMA 33/66/100 support; 44-pin connector x1 Internal Compact Flash socketx1 Serial port: SIO(compatible 16C550) x2, 10-pin header x2, support RS232/422/485 Parallel port: PIO x1, 26-pin connector support EPP/ECP Slim FDD controller: 26-pin connector x1 PS/2 keyboard/Mouse: 6-pin mini DIN connector Digital I/O: 4bit TTL input, 4bit TTL output I2C: 3-pin header x1 (one pin for GND) Reset SW: 2-pin header x1 IDE active LED: 2-pin header x1 ATX power SW: 2-pin header x1 Power cable connected to panel(5V or 3V):3-pin powerheader x1 2-pin IDE Active LED headerx1
Real Time Clock	On-chip RTC back-up battery x1 External Li-Ion battery x1
Watchdog Timer	Watchdog timeout programmable from 1 to 255 second/minute
System Monitor	Super I/O support system monitor 5 voltage(for +3.3V, +5V, +12V, Vcore and +2.5V) Monitor CPU temperature Driver support: Window® 95/98/2000, Windows NT4.0/2000
Power Source & Power Requirements	- Power cable: big 4P to 2P(5V, GND) ATX mode: AT mode: - 2-pin power input connector - 2-pin header for power switch button - On-board 3-pin Jst connector to receive the 5Vsb, PS_ON, GND - Power cable: ATX power connector to 2P(5V, GND)+3-pin(5Vsb, PS_ON, GND)
Environments	Operating temperature: 0°C to 60°C. Storage temperature: -20°C to 80°C. Relative humidity: 10% to 90%(Noncondensing)
Certification	CE FCC

ORDERING INFORMATION

MODEL	DESCRIPTION
ELK-EPC350	3.5" low power embedded borad w/SIS SoC550/ TTL LCD/ Audio/ LAN x 1
ELK-EPC360A	3.5" low power embedded borad w/SIS SoC552/ TTL LCD/ Audio/ LAN x 1/ TV out/ LVDS LCD/ Dual Independent Display Support/ MPEG II

WARRANTIES: 1 Year Return to Factory Warranty

Specifications subject to change without notice.



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