

SI-12

Intel® Atom™ Quad/Dual-Core Processor-based Fanless Signage Player with Intel® (Gen7-LP) 4EU Graphics

Signature Book™



Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- Intel® Atom™ Processor E3845 Quad-Core @ 1.91GHz/E3825 Dual-Core @1.33 GHz
- Intel® HD Graphics (Gen 7-LP) 4EU
- 2x DDR3L-1333 SO-DIMM, dual channel, Max. 8GB
- Supports 2x HDMI
- 1x Mini PCI-E(x1) slots for Wi-Fi + Bluetooth, 3G, and TV tuner board options
- Fanless, super slim and compact design
- Wide operating temperature from -30°C to 60°C

Specifications

System Mainboard	IB812
CPU Type	Intel® Atom™ Processor E3845 Quad-Core @ 1.91GHz/E3825 Dual-Core @1.33 GHz
CPU Socket	FCBGA 1170 BGA -- aka Atom™ "Type 3" (25mm x 27mm)
Chipset	SoC Integrated
Memory	2x DDR3L-1333 SO-DIMMs, Dual Channel, Max. 8GB (Non-ECC)
Graphics	Intel® HD graphics (Gen 7-LP) 4EU
LAN	1x RJ-45 GbE (Realtek RTL8111G-CG)
Expansion Slots	1x mPCIe(x1) for Wi-Fi + Bluetooth, 3G, and TV tuner options 1x UIM/SIM card slot (for 3G/LTE adaptor in mPCIe slot)
I/O Interface	2x HDMI 1x USB 3.0 port, 2x USB 2.0 ports 1x RJ45 for LAN, 1x RJ45 for RS232 2x audio connectors for Line-in / Line-out Power / HDD LED, 1x power on/off button 1x DC jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 sec/min
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	0.8Kg (1.76lbs)
Chassis Color	Black & white
Storage	1x mSATA
Power Supply	60W power adaptor
Mounting	Standard system bracket
Dimensions	190mm(W) x 130mm(D) x 19.5mm(H) 7.48"(W) x 5.12"(D) x 0.77"(H)
Operating Temperature	-30°C ~ 60°C (-22°F~140°F)
Storage Temperature	-40°C ~ 80°C (-40°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE/FCC, VCCI class B, UL & CCC

Ordering Information

SI-12	Signage Player with Intel® Atom™ E3845 SoC (22nm); Quad-Core @ 1.91 GHz, 4GB SO-DIMM RAM, 64GB mSATA, and 60W power adaptor
SI-12-DC	Signage Player with Intel® Atom™ E3825 SoC (22nm); Dual-Core @ 1.33 GHz, 2GB SO-DIMM RAM, 64GB mSATA, and 60W power adaptor
SI-12-J19	Signage Player with Intel® Celeron® J1900 (22nm); Quad-Core @ 2 GHz, 4GB SO-DIMM RAM, 64GB mSATA, and 60W power adaptor (Operating temperature 0°C~45°C)
SI-MK1	Mounting bracket for SI-06/08/12/18/22 series

Dimensions

