DPX®-E110-6a

Features

- Complete platform for gaming machines
- Full AAMS Software Protocol provided
- Fanless System
- Low power Intel ATOM chipset
- Security and cable access to meet Comma 6a
- Integrated Smart card reader

Introduction

The DPX®-E110-6a is a complete industrial computer system for the Italian gaming market designed especially to comply with the requirements of AAMS and Comma 6a legislation. The system offers good performance and very low power with the cost effective Intel® ATOM™ processor. In its typical configuration, the system is fanless and supports single or dual monitors. A high performance graphics card may be added for even higher performance. A full set of I/O, COMs and security features designed specifically for Italy is included making the DPX®-E110-6a an ideal integrated platform for next generation slot machines.

Feature Summary

Category	Specification
System	Intel® ATOM™ performance & low power
	Intel 945GSE chipset
	512MB DDR2 SDRAM
	1 x Compact Flash socket (internal)
	Audio
I/O	JAMMA 28 way edge card interface
	Comma 6a COM connector
	AAMS control device reader (ISO:7810, 7816 smart card)
Video	Integrated Intel GMA 950 (Gen. 3.5)
	Dual monitor support
	Optional low profile high performance VGA card (Nvidia or ATI).
Security	Case and cabinet intrusion monitoring.
Enclosure	Steel
	Passive cooling system (without VGA card)
Software	Edge-to-edge drivers and API/SDK.
	AAMS smart card management
	AAMS fiscal counter management
	AAMS CCTALK
	AAMS Comma 6a PDA interface
	Power down and intrusion monitoring.
CPU/Chipset	Intel® ATOM™ N270 1.6GHz (1.6/533 2.5W)
	Intel® 945GSE + ICH7M
Memory	1 x SODIMM socket
	512MB DDR2 533MHz
	Up to 2GB*

Category	Specification
BIOS	AMI PCI/PnP/ACPI BIOS
Video	Integrated - Intel GMA 950
	Dual independent monitor support *
	Video Option*
	Nvidia GeForce 8400GS/256
	Low profile high performance card
Storage	CompactFlash Type I/II **
	SATA port **
	Smart Card:**
	AAMS ISO:7810, 7816 smart card socket.

External Ports	1) JAMMA 28 way edge connector:
	    2 x CCTalk
	    Cabinet Door open
	    Hopper
	    Coin In/Out
	    Buttons inputs (7)
	    LAMP outputs (7)
	    Speaker (line L&R)
	    Refill key
	    Service key

	2) Comma 6a COM connector
	3) VGA monitor connector
	4) DVI monitor connector *
	5) Serial RS232 (Touchscreen) *
Sound	AC97 Audio Codec
	2 channel line level outputs on JAMMA
Watchdog Timer	Programmable time-out of 1-255 seconds

Intrusion Detection	1) Two intrusion detection input lines (used for 'case open')
	Operates with and without system active
	(battery backed)
	2) Door open input on JAMMA
System Health Monitoring	Measurement of CPU core temp. With thermal trip.
Power	ATX or Pseudo AT mode
	External PSU.
Environment	Operating Temperature: 0 – 40 ºC TBC
	Storage Temperature: -20 – 85 ºC

Approvals	EMC: CE, FCC Class A
	RoHS, WEEE
	AAMS Comma 6a
Dimensions	DPX-E110-6aS: 198 x 237 x 65
	DPX-E110-6aT: TBC (with optional VGA card)

Notes:-

* - Optional items are subject to an MOQ, price change and are factory configured at time of order.

** - User Accessible (Internally mounted behind rear cover plate under battery backed intrusion detection)

Benefits

Meets Italian regulations
Low Power (CPU power 2.5W, overall power 15W)
Single integrated solution
Small size – 198 x 237 x 65mm (without optional VGA card)
Low Cost

Optional Hardware

Edge card connector
Compact Flash cards
External power supply
VGA card

OEM Customization and Product Development

- Advantech-Innocore specializes in the fields of PC-based hardware design and software development. Our in-depth knowledge and global resources make us your ideal partner.

- Advantech-Innocore is part of the Advantech Co., Ltd. Group of Companies.

- Specifications subject to change. E&OE.

- Copyright © 2011 Advantech Co., Ltd.

- All rights reserved. Advantech-Innocore, the Advantech-Innocore Logo, DPX, ConnectBus are trademarks of Advantech Co., Ltd. in the UK, US and other countries.

- All other trademarks are acknowledged and respected.

Short Enclosure (DPX-E110-6aS)

Tall Enclosure (DPX-E110-6aT)