

DPX®-E110-6a

Gaming Platform for Italian Comma 6a Market



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

System	Intel® ATOM™ performance & low power
	Intel 945GSE chipset
	512MB DDR2 SDRAM
	1 x Compact Flash socket (internal)
I/O	Audio
	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
Security	Optional low profile high performance VGA card (Nvidia or ATI).
Enclosure	Case and cabinet intrusion monitoring.
	Steel
Software	Passive cooling system (without VGA card)
	Edge-to-edge drivers and API/SDK.
	AAMS smart card management
	AAMS fiscal counter management
	AAMS CCTALK
CPU/Chipset	AAMS Comma 6a PDA interface
	Power down and intrusion monitoring.
Memory	Intel® ATOM™ N270 1.6GHz (1.6/533 2.5W)
	Intel® 945GSE + ICH7M
	1 x SODIMM socket
	512MB DDR2 533MHz
	Up to 2GB*

BIOS	AMI PCI/PnP/ACPI BIOS
	Integrated - Intel GMA 950
	Dual independent monitor support *
Video	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 °C TBC Storage Temperature: -20 – 85 °C

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.
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Short Enclosure (DPX-E110-6aS)



Tall Enclosure (DPX-E110-6aT)