

DPX[®]-E130

AMD G-Series Gaming System for Italy AWP2 and AWP3

NEW



Features

- Ready for Italian AAMS "AWP2" and "AWP3"
- Powered through JAMMA interface
- Complete software API package for all AAMS functions
- Full set of gaming features, security, COMs, I/O
- Board level or system level with enclosure
- Low power, passive cooled options
- High performance, low cost AMD G-Series platform



Introduction

The DPX[®]-E130 is a complete gaming solution designed specifically for the revised Italian AWP3 regulations. A fully featured AAMS compliant software API and libraries are provided for simple integration of the smart card, fiscal interfaces, security, I/O and COMs to the AAMS servers. The system needs very little power which is drawn from through the JAMMA interface with onboard regulation to provide a robust power interface for new and retrofit applications under AWP3 and Comma6a. The system, based on the AMD G-Series embedded chipset, is designed to be low power, high performance with a 5 year life cycle - all at a very competitive price.

Specifications

System	Complete system solution, enclosure, field proven API and drivers AMD G series APU, Dual and Single core performance & low power Italian JAMMA interface Gaming hardware, security and I/O Audio amplifier for 2 channels. Stereo 3W+3W or Mono 6W into 4 ohms Fanless enclosure with transparent window
CPU/Chipset	AMD G-Series embedded BGA APUs. T56N 1.65 GHz 18W Dual core, T40E 1.0 GHz 6.5W Dual core T16R 615 MHz, 4.5W Single core options AMD 55E Fusion controller hub
Memory	2 x SODIMM sockets DDR3 PC-8500 (1066MT/s) RAM up to 8GB total Optional* :- Up to 8 GB
BIOS	AMI UEFI SPI BIOS (Write protectable)
Video	Integrated – AMD Radeon HD6130 Direct X 11, Open GL 4.1 Video Ports: Primary:- Analog VGA Secondary:- Analog VGA
Security	AAMS Smart Card ISO7816-1,2,3 and ISO / IEC 7810:2003. Intrusion switch inputs (3 external, 2 internal) BIOS customization
Audio	High definition audio Codec Amplified outputs for Stereo 2 channels, 3W per channel Stereo line out (option)

LAN	1 x Ethernet Gigabit LAN Full duplex operation Wake-On-LAN capability
Storage	1 x CompactFlash Type I/II (Flash/MicroDrive)** 1 x C-Fast Socket 1 x SATA, 1 x mSATA connector
Ports	2 x USB front panel 2 x USB on a 2x5 pin header AAMS Port (DB9 Female), Tx/Rx Only (optional full RS232) Debug COM Port (DB9 Male) 1 x ccTalk available on the JAMMA (COM3) 1 x ccTalk on front panel
JAMMA	JAMMA 28 + 28 way edge connector for I/O, power, audio, security, and COMs, CCTALK
NVRAM	Fast SRAM 2 MB on PCI bus. Option for up to 4 MB Battery state software readable
Watchdog Timer	Programmable time-out of 1-255 seconds
Intrusion Detection	Six Intrusion detection input lines (3 used for 'case open' and JAMMA disconnect) Operates with and without system active Logs date/time of last 254 events Logs system resets/brownouts as events EEPROM backup for 10 years retention
System Health Monitoring	Measurement of CPU core temp. With thermal trip.
Power	5V, 12V DC powered from JAMMA (24V also required for 24V CCtalk devices) wide range 4.5V-5.75 with power-on conditioning
Enclosure	Sheet metal Compact size

*Minimum order quantities may apply for options

** Internal access with intrusion access control

Specifications Cont.

Approvals	EMC: CE Class A RoHS, WEEE
Dimensions	273 x 150 mm (10.7" x 5.9")
Software	Edge-to-edge drivers and API/SDK. Code portability through consistent API with other Advantech-Innocore boards. AAMS Range of Innocore software products for Gaming

All product specifications are subject to change without notice .

Benefits

Low Power
Single integrated solution
Small size: 273 x 150 mm (10.7" x 5.9")
Designed for the Italian Gaming Industry
Low Cost

Optional Accessories

CFast Flash cards other SSD
Microsoft operating system licenses
External power supply
Fanless enclosure with transparent window
AAMS Smart Card

OEM Customization and Product Development

- Advantech-Innocore is part of the Advantech Co., Ltd. Group of Companies.
- 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.
- Specifications subject to change. E&OE.
- Copyright © 2014 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.