



## Features

- Widest range of gaming platforms
- Industrial grade
- High performance
- Long lifecycle
- Highly integrated complete solutions
- International regulatory compliance



## Introduction

When it comes to gaming systems, the DPX<sup>®</sup> range of industrial computer boards and systems provides the widest selection of long lifecycle, high performance products available anywhere. The two families of products, Standalone and Economy, both offer forwards and backwards compatibility so the customer has the assurance of extended lifecycle and an upgrade path to new technology with future product releases. The table below shows a comparison of the products.

## Feature Summary

		DPX-E105	DPX-E120 <b>NEW</b>	DPX-S410	DPX-S415 <b>NEW</b>	DPX-S425 <b>NEW</b>
Family	Standalone			•	•	•
	Economy	•	•			
Enclosure/System		•	•	○ (EFS/EFT/ S-Series)	○ (EFS/EFT/S-Series)	○ (EFS/EFT/S-Series)
Segment	Entry	•				
	Scalable			•	•	•
	Performance		•	•	•	•
Chipset/CPU	Intel 945GSE/ATOM N270	•				
	Intel GME965/Core 2 Duo, Celeron M			•		
	AMD 785E/Athlon X2, Turion Neo X2				•	
	Intel HM55/Core i7, Core i5, Celeron					•
	AMD G-Series APU		•			
IGP Graphics		GMA950	Radeon HD6130	X3100	Radeon HD4270	GMA HD
	Dual Indept. Screen	•	•	•	•	•
Performance GPU	Quad Screen support with Select PCIe Video Cards				•	•
	PCIe x16 slot			•	•	•
Max. RAM (GB)	DDR2	2		4		
	DDR3		8		8	8
Ethernet	LAN 1	GbE	GbE	GbE	GbE	GbE
	LAN 2		○ (GbE)	GbE	GbE	GbE
Storage	SATA	1	2	3	2	2
	Compact Flash	2	2	2	2	2

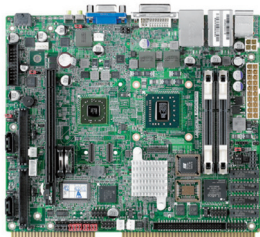
Key – • = Standard Feature ○ = Option

## DPX® Comparison

		DPX-E105	DPX-E120 <b>NEW</b>	DPX-S410	DPX-S415 <b>NEW</b>	DPX-S425 <b>NEW</b>
Family	CFast	0	0	0	2	2
	USB 2.0	5	6	10	12	12
	RS232		3 ○ (5)		5	5
	RS232/TTL	5	2	2	2	2
	RS232/422/485	○ (2)	○ (1)	4	1	1
	CCTALK/RS232/TTL	1	1 ○ (2)	2	2	2
I/O	32/32 on board	•	•	•	•	•
Audio Amplification on Board						
SRAM	1MB (2 x 512KB)	•	•			
	2 MB (2 x 1024KB)			•	•	
	4 MB (2 x 2048KB)			○	○	•
ROM Sockets	PLCC 32 (8Mbit each)	1 ○ (2)	1 ○ (2)	2	1	1
TPM			○ (v1.2)	v1.2	v1.2	v1.2
Serial EEPROM	32 KB	○	•	•	•	•
Intrusion Inputs	Battery backed	6	6	6	6	6
iButton/GPIO		○	○	○	○	○
DPCI Expansion	Serial Bus (DPCI+)			•	•	•
Size	170 x 200mm (6.7 x 7.9")			•	•	•
	185 x 195mm (7.3 x 7.7")					
	229 x 180mm (9.0 x 7.1")	•	•			
Software	DPCI Advanced Gaming API & Runtime	•	•	•	•	•
	DPX-Connector Peripherals Libraries	•	•	•	•	•
	Embedded OS Support	•	•	•	•	•
	BIOS Customization	•	•	•	•	•
	TPM Suite (Requires TPM hardware option if not standard)			○	○	○
	DPX- SAS Connector (SAS 6.01 Driver and Libraries)	○	○	○	○	○
	SecureBoot (Media validation toolkit)	○	○	○	○	○

## 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.



DPX-S Series (Standalone)



DPX-E Series



Enclosures