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# Adept SmartVision EX



## Specifications

Dimensions (mm)	329 x 186 x 64
Weight	6 lbs., 2.7 kg
Power Requirements	24 VDC (± 10%), 150 W (6 A)
Environmental Requirements	
Ambient Temperature	5 - 40 °C
Humidity Range	5 - 90 % (non-condensing)
Mounting Options	
	Panel mount (kit included)
	Rack mount
	Stack mount (kit included)
	Desktop
Memory	
Type	DDR2
Size	2 GB
Hardware	
	Intel® Core™2 Duo (Dual, 64-bit cores @ 2.16 GHz)
	80 GB hard drive
Operating System	
	Windows® XP Embedded
Front Panel Interfaces	
	10/100/1000 Ethernet (2x)
	USB 2.0 ports (4x)
	RS-232 ports (DB9M) (2x)
	VGA (HDB15F) (1x)
	DVI (1x)
	PS/2 Mouse & Keyboard Connectors (1ea)
	Audio In/Out (1ea)
Internal Connections	
	1x USB 2.0 Internal jack for USB license dongle
	2x PCI-Express Slots for expansion cards
CE Compliant	

The Adept SmartVision™ EX is a high-performance machine-vision processor that supports all machine-vision, conveyor tracking, and robot guidance applications. Boasting an ultra-compact form factor, the SmartVision EX seamlessly integrates with Adept's hardware and software product line, or can be used as a standalone vision inspection unit.

## Product Features and Benefits

- High-performance, compact, and scalable machine-vision processor
- Loaded with Adept ACE™, and optimized to run AdeptSight™ and ACE PackXpert™
- Standard solution platform for hundreds of applications
- Provides embedded support for IEEE-1394a, IEEE-1394b, and GigE cameras
- Dedicated, multi-channel image acquisition for faster vision response time
- Seamless connectivity to Adept SmartController™ CX

# Adept SmartVision EX

## Dimensions: Adept SmartVision EX (mm)

The SmartVision EX is designed to seamlessly integrate with the Adept SmartController product line.



## Adept SmartVision EX enables users to deploy vision guidance and inspection applications through AdeptSight



### POWERED BY ADEPT ACE

Adept ACE is a fully-integrated application development environment.

## Options:

- IEEE-1394a PCIe adapter, 2 ports
- IEEE-1394b PCIe adapter, 3 ports
- Pro/1000 Gigabit Ethernet PCIe adapter, 1 port
- Optically Isolated Digital I/O PCIe adapter (16 in/16 out)
- AdeptSight vision guidance and inspection software
- ACE PackXpert application software
- IEEE-1394a camera kit
- IEEE-1394b camera kit
- GigE camera kit



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Specifications subject to change without notice.

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