CorSys365

ROBUST, HIGHLY FLEXIBLE RACKMOUNT SYSTEM

COMBINES HIGH-PERFORMANCE AND VALUE IN A LONG-LIFE-CYCLE PACKAGE

PRODUCT HIGHLIGHTS

- 3U (19" x 5.2" x 25.6")
- Intel® Core™ 2 Duo E6400 processor
- 2GB DDR2 (667MHz)
- 250GB SATA2 HDD
- Two (2) Intel® 82573L PCI-e GbE Ethernet
- Four (4) USB 2.0 ports (back)
- 2U Single 400W Power Supply
- Five (5) Vertical PCI slots Two (2) PCI-e slots

The CorSys365™

Prepackaged configuration built around the exceptional 965ATX long-life industrial motherboard in an elegant and efficient rackmount system. The **CorSys365™** offers a high-performance platform for a broad array of analysis, control and storage applications.

As a starting point for a project requiring sophisticated processing and I/O capabilities, the CorSys365™ utilizes Intel's Core microarchitecure-based Core 2 Duo processor, DDR2 memory, enterprise-class SATA2 HDD, PCI-e GbE, and USB2.0.

Offering high levels of performance, power efficiency, and longevity, the CorSys365™ meets the requirements of demanding embedded applications. Where most pre-configured systems are focused in networking environments, this exceptional system is specifically engineered for ease deployment to field for embedded solution requirements.

OUR COMMITMENT TO QUALITY

All Corvalent products are designed and manufactured in an ISO 9001:2000 environment.

ORDERING INFORMATION

- Product: CorSys365
- Product Description: Robust, Highly Flexible Rackmount System

965ATX

Industrial motherboard proudly owned, uniquely designed and manufactured by Corvalent

RoHS COMPLIANCE

CORVALENT
AT THE CORE OF EMBEDDED COMPUTING

TECHNICAL SPECIFICATIONS

Form Factor	3U
Dimension	19" x 5.2" x 25.6" (483mm x 132mm x 650mm)
Power Supply	2U Single 400W (rear chassis installation)
Cooling Units	Three (3) 9CM Two (2) 4CM Heavy Duty Ball Bearing Fans (optional)
Motherboard	**Corvalent - 965ATX (P65AX)**
Chipset	Intel® Q965 Express + ICH8DO
Processor	Intel® Core™ 2 Duo E6400 processor
FSB	1066/800/533MHz
System Memory	2GB DDR2 (667MHz) Two (2) memory modules
Back Panel	PS/2 Keyboard/Mouse Serial Port 1 Serial Port 2 DB-15 VGA onboard Line-In Line-Out Microphone Two (2) Intel 82573L PCI-e GbE Four (4) USB 2.0
Front Panel	Two (2) Removable Door Filters Power on/off button Reset button Power LED HDD LED
Drive	One (1) 5.25" SATA DVD/CD RW DL One (1) 3.5" HDD SATA II 250GB
Drive Bays	One (1) 5.25" open Six (6) 3.5" hidden One (1) 3.5" open
Expansion Slots	Five (5) Vertical PCI slots Two (2) PCI-e slots
O/S	Supports Windows XP, Vista, 2003 Server, LINUX

Environmental Specifications

CATEGORY	OPERATING	NON-OPERATING
Temperature	0°C to 50°C	-20°C to 80°C
Humidity	10% to 85% @ 40°C RH non-condensing	10% to 95% @ 40°C RH non-condensing

KEY FEATURES

- High–performance system
- Temperature controlled fans
- Integrated graphics
- HD Audio with surround header
- Large storage capability
- Fully RoHS compliant
- Customized BIOS settings
- Operating system loaded
- Highly customizable
- Riser card options

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intel Embedded and Communications Alliance Affiliate

ISO 9001:2000 CERTIFIED · AMERICAN PREDATOR CORP. CERTIFIED QUALITY MANAGEMENT SYSTEM · SARA Registrars

CORVALENT™
AT THE CORE OF EMBEDDED COMPUTING

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