

LOW-PROFILE, HIGHLY FLEXIBLE RACKMOUNT SYSTEM

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



PRODUCT HIGHLIGHTS

- 1U (19" x 1.75" x 23.6")
- 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)
Two (2) USB 2.0 ports (front)
- 1U Single 350W power supply
- One (1) PCI slot riser card

The CorSys I65™

Prepackaged configuration built around the 965MTX long-life industrial motherboard in an elegant and efficient 1U rackmount system. The CorSys I65™ offers a high-performance platform for a broad array of analysis, control and storage applications.

965MTX



Industrial motherboard proudly owned, uniquely designed and manufactured by Corvalent



As a starting point for a project requiring sophisticated processing and I/O capabilities, the CorSys I65™ utilizes Intel's Core microarchitecture-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 CorSys I65™ 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: **CorSys I65**
- Product Description: Low Profile, Highly Flexible Rackmount System

TECHNICAL SPECIFICATIONS

Form Factor	1U
Dimension	19" x 1.75" x 23.6" (483(W) x 44(H) x 650(D) mm)
Power Supply	1U Single 350W, Auto switching with Active PFC
Cooling Units	Three (3) Heavy Duty Ball Bearing Fans (40x20mm = 7CFM ea.) Two (2) Heavy Duty Ball Bearing Fans (40x28mm = 15CFM ea.)
Motherboard	Corvalent - 965MTX (P65MX)
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) USB 2.0 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 250 GB
Drive Bays	Two (2) 3.5" hidden One (1) 3.5" open
Expansion Slots	One (1) PCI slot riser card
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

ORDERING INFORMATION

- Product: [CorSys I65](#)
- Product Description: Low Profile, Highly Flexible Rackmount System



CorSys265HS

CORSYS FAMILY

LOW-PROFILE, HIGHLY FLEXIBLE RACKMOUNT SYSTEM

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



PRODUCT HIGHLIGHTS

- 2U (19" x 3.5" x 25.6")
- Intel® Core™ 2 Duo E6400 processor
- 2GB DDR2 (667MHz)
- 250GB Swappable SATA2 HDD
- Two (2) Intel® 82573L PCI-e GbE Ethernet
- Four (4) USB 2.0 ports (back)
Two (2) USB 2.0 ports (front)
- 2U Single 400W power supply
- Three (3) horizontal slots with PCI riser card

The CorSys265HS™

Ready-to-go certified and prepackaged configuration built around the exceptional 965MTX long-life industrial motherboard in an elegant and efficient rackmount system. The **CorSys265HS™** offers a high-performance platform for a broad array of analysis, control and storage applications.

965MTX



Industrial motherboard proudly owned, uniquely designed and manufactured by Corvalent

As a starting point for a project requiring sophisticated processing and I/O capabilities, the CorSys265HS™ utilizes Intel's Core microarchitecture-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 CorSys265HS™ 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: **CorSys265HS**
- Product Description: Low-Profile, Highly Flexible Rackmount System



TECHNICAL SPECIFICATIONS

Form Factor	2U
Dimension	19" x 3.5" x 25.6" (483mm x 88mm x 650mm)
Power Supply	2U Redundant
Cooling Units	Four (4) Ball Bearing Fans (8cm = 4.25CFM each)
Motherboard	Corvalent - 965MTX (P65MX)
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) USB 2.0 Power on/off button Reset button Power LED HDD LED
Drive	One (1) 5.25" SATA DVD/CD Four (4) 3.5" Swappable HDD SATA II 250 GB One (1) 3.5" FDD
Drive Bays	One (1) 5.25" open Two (2) 3.5" Swappable HDD Trays (SATA I/II)
Expansion Slots	Three (3) Horizontal slots with PCI riser card
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

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