

# CorBrick 945MIT™

## POWERFUL MICRO INDUSTRIAL SYSTEM

CONVERGING HIGH-PERFORMANCE  
AND VALUE WITH A LONG-LIFE CYCLE



### PRODUCT HIGHLIGHTS

- 8.75" x 7.55" x 2.51"  
(222mm x 192mm x 64mm)
- Intel® Core™ Duo T2500 or Celeron® 440 Processor
- Built-in 1GB DDR2 memory
- Optional 2.5" HDD or SSD installations available
- Optional operating system pre-installations available.
- Two (2) Realtek RTL8111 PCI-E Gigabit Ethernet Ports
- Four (4) USB 2.0 ports (rear), two (2) USB 2.0 ports (under front cover)
- 12V DC External Power Supply (Included)

### KEY FEATURES

- USB ports concealed under plastic front cover, ideal for license dongles, Bluetooth™ or WiFi™ USB adapters.
- Tiny compact enclosure can be wall, VESA or rail mounted (w/optional brackets).
- Integrated graphics with dual monitor outputs (DVI+VGA)
- Dual Gigabit Ethernet Ports
- A powerful, quiet system in a highly compact enclosure.
- Fully RoHS compliant
- Customizable, Hard Drive Type/ Size, Mounting Kits, Etc.

## The CorBrick 945MIT™

is a packaged configuration built around the Corvalent 945ITX™ long-life industrial motherboard. The CorBrick 945MIT™ provides the processing power of a Core™ Duo or Celeron® processor, with the compact size commonly associated with lower power computer systems. Ideal for a broad array of display, automation control, kiosk, and network applications. Quiet mini fans keep the housing and the optional 2.5" hard drive cool. Features multiple serial, USB, Video and Gigabit Ethernet ports. A USB port concealed is concealed behind the plastic faceplate providing an ideal place for RF USB adapters such as Bluetooth or Wifi, or also provides an ideal place to install, a hardware license key dongle.

The CorBrick 945MIT is ideal for digital signage, wall mounted applications, VESA mounting to the back of LCD monitors, POS (Point Of Sale) applications, and any embedded computing application.

As always, Corvalent can custom configure systems to your exact project specifications. Custom options such as extreme temperature & vibration resistant solid state hard drives, customized BIOS, VESA / DIN-Rack mounting kits, etc. And as always, our motherboards are available for years at a time, ensuring your company a reliable and consistent source of computing technology to produce your products for years to come.

**ROHS**  
COMPLIANT



USB 2.0 Ports concealed under front cover are ideal for the installation of hardware license keys or wireless network (Bluetooth / WiFi) adapter cards

### OUR COMMITMENT TO QUALITY

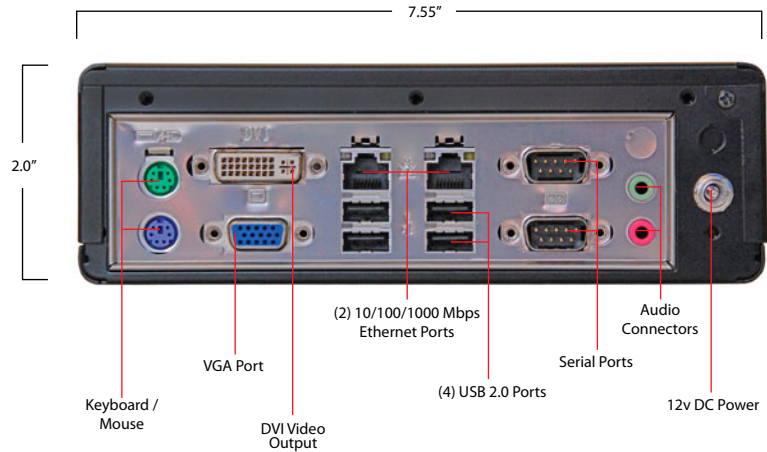
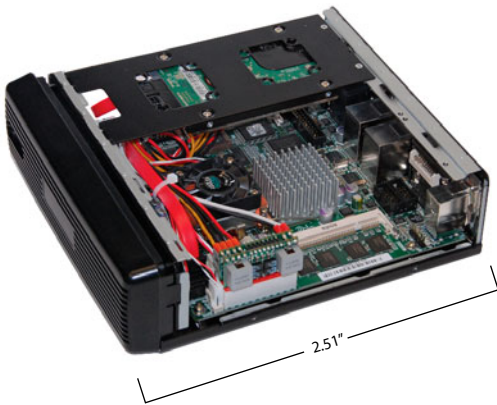
Corvalent systems are manufactured in our Austin, TX facility. Corvalent motherboards are backed by a (7) to (10) year production life cycle guarantee. All of our products are designed and manufactured in an ISO 9001:2008 environment.



**CORVALENT**  
AT THE CORE OF EMBEDDED COMPUTING

# CorBrick 945MIT™

## ECO-FRIENDLY, MICRO INDUSTRIAL SYSTEM



### TECHNICAL SPECIFICATIONS

<b>Board</b>	Corvalent 945ITX Mini-ITX Motherboard
<b>Dimensions</b>	8.75" x 7.55" x 2.51" (222mm x 192mm x 64mm)
<b>Microprocessor</b>	Intel® Core™ Duo T2500 (2GHz/2MB) or Celeron® 440 (1.86GHz/1MB) processor
<b>Chipset</b>	Intel® 945GME + ICH7R
<b>Front Side Bus</b>	533/667MHz
<b>Memory</b>	Built-in 1GB of DDR2 memory onboard
<b>System Bus</b>	One (1) Mini-PCI connector
<b>Disk Drives</b>	One (1) SATA2 2.5" drive (optional)
<b>Onboard I/O</b>	One (1) external Line-Out, Mic-in audio port Two (2) Serial COM ports (One RS232 / 422 / 485, One (1) RS232 only) Keyboard / Mouse on rear I/O
<b>Video Graphics</b>	One (1) DVI-D (digital only) One (1) VGA (DB15)
<b>Ethernet</b>	Two (2) Realtek RTL8111 PCI-E GigLAN
<b>Audio</b>	Realtek ALC883 (ALC888) AC'97 HD audio CODEC
<b>Industrial Devices</b>	Hardware monitoring and fan control
<b>BIOS</b>	AMI™
<b>Battery</b>	Removable lithium battery for CMOS memory
<b>Power Input</b>	12V DC via external power brick (included)

<b>Operating Temp</b>	0°C to 40°C
<b>Non-Operating</b>	-40°C to 65°C
<b>Op. Humidity</b>	5 to 95% @ 40°C non-condensing
<b>Non-Operating</b>	5 to 95% @ 40°C non-condensing

**Options:** 2.5" hard drive in 160Gb, 320Gb, 500Gb, or Solid State (SSD) configurations  
Operating System Installation of Windows® XP or Windows 7

**Warranty** (1) Year Warranty (Parts and Labor)

**Part Number** CorBrick 945MIT

**CORVALENT™**  
AT THE CORE OF EMBEDDED COMPUTING

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