

# Industrial Rackmount PC w/ 14 Slot ISA Backplane



## TMS-355 NEW!

- Rugged industrial platform for ISA application
- 300 Mhz Vortex86SX processor, 128 MB RAM
- XGI Voiar Z8s VGA, 32MB.
- 80 GB HDD, and floppy drive
- USB floppy drive emulator w/ 1GB UBS Stick
- Expansion slots for 11 full-length ISA board
- Cold Roll Steel chassis
- 19" Ramount
- 5 5.25" Drive Bay for full-height drive
- Communication Ports
  - 1 Ethernet 10/100BaseT
  - 2 PS/2 KB & Mouse
  - 3 RS232, 1 RS232/422/485
  - 1 Parallel
  - 16-bit GPIO



## Overview

The TMS-355 is an industrial rackmount PC design specifically for replacing your existing DOS 6.2 or QNX 2.0 control system. The TMS-355 features a slow speed 300 Mhz x86 SOC processor with build in 128MB DDR2 memory which is critical for running legacy application. Featuring an internal 14 slots ISA bus, and choice of communication buses ( serial, parallel, USB and Ethernet). It can be configured to address the requirement of your legacy system.

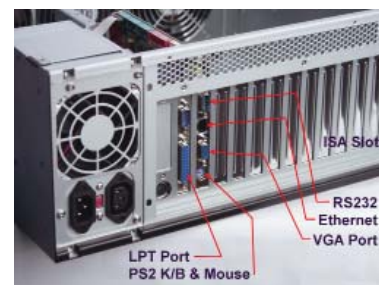
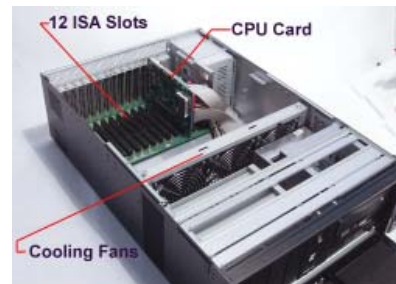
The TMS-355 ships with 128MB memory, an 80GB IDE Hard Drive, 1.44MB floppy drive and USB floppy emulator.

## ISA support

TMS-355 works with half-length ISA or full-length ISA boards. TMS-355 supports up to 12 ISA full-length ISA board. It also comes with a (3) large 120mm high CFM cooling fan located in the middle of the chassis for proper thermal management.

## Floppy Disk to USB memory stick conversion

TMS-355 incorporates FDE-QNX floppy drive emulator to save your QNX or DOS disk files to a USB thumb drive. This features is especially useful for QNX user. QNX user can save qnx files to or from USB thumb drive without a software driver.



# Industrial PC

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## Specifications

### System Components

Processor	Vortex86SX 300 Mhz
RAM	128MB DDR2 (max)
Storage	80GB IDE HDD (removable)
Removable media	(1) 3.5" FDD, (1) 3.5" FD Emulator, and (1) CF drive
I/O ports	(3) RS-232 9 pin, (1) RS-232/422/485, (1) parallel port, and (1) 16-bit GPIO port.
Network	10/100BaseT Ethernet
Video	XGI Voiari Z8s Chipset w/ 32MB Video RAM
Bus expansion	(12) full-length ISA 16 bit, (1) PC/104
Keyboard/ Mouse	(1) PS2 K/B, (1) PS2 Mouse
Drive Bay expansion	(5) 5.25" half height drive bay
Operating system tested	DOS 6.2, and QNX 2

### Electrical

Input voltage	110 or 220 VAC (manual switch)
Line frequency	50 to 60 Hz
Max wattage	300 Watts
PS form factor	AT (on / off ) switch

### Environmental

Operating temperature	0 to 50 ° C (32 to 122 ° F)
Storage temperature	-20 to 60 ° C (-4 to 140 ° F)
Relative humidity	5 to 85% @40 °C (noncondensing)
Cooling	(3) 120mm fan

### Physical

Unit dimension	26" D x 17" W x 7" H
Gross Weight	55 lb
Rackspace requipment	4U
Mounting	19" rack-mount