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Find the *RadiSys / Texas Micro 2001A* at our website: *Click HERE*

MODEL 2001
10-SLOT ISA INDUSTRIAL RACKMOUNT COMPUTER

DOC# 2000



Rackmount Monitor Sold Separately

RUGGED STEEL CONSTRUCTION

Texas Micro's Model 2001 industrial computer series is engineered specifically for use in environments where computers designed for the office do not operate reliably. The 2001 combines nickel-plated steel construction with hold-down brackets for cards to enable the system to withstand heavy vibration and shock. For dependability, the 2001 incorporates optimized electronics for industrial service. For versatility, the 2001 is designed for standard 19" rack cabinets.

FULLY HARDWARE AND SOFTWARE COMPATIBLE

All software and add-ins designed to function with the IBM PC™/XT™/AT™ will operate with the 2001 family. Cards designed for insertion into IBM computers plug directly into the passive backplane.

Texas Micro has been designing and manufacturing industrial computers and components since 1974, and developed the industry's first PC compatible computers using passive backplanes. The company now offers a full line of industrial computers and systems, function cards and peripheral equipment. Texas Micro products are manufactured in the USA specifically for industrial and other mission critical, high reliability applications.

STANDARD FEATURES

- CPU and all other add-ins are standard plug-in cards, vertically-oriented for easy access and optimum cooling.
- 150-watt power supply.
- Passive backplane with 10 ISA Bus slots for CPU and expansion slots.
- CMOS RAM, fixed disk, 3.5" or 5.25" floppy disk drives available for internal storage.
- EMI/RFI-resistant four-layer passive backplane includes ground plane layer and ground shield between traces on board surfaces.
- Boards are bracketed and braced on all four edges.
- Burned-in at 55°C (130°F) for 48 hours and system-tested before shipment.
- 110 CFM fan moves internal-cooling air through easy-access filter.
- Supports all IBM PC/XT/AT compatible plug-in cards.
- Built-in speaker, door lock and power switch.
- One year warranty and complete documentation.

Texas Microsystems, Inc. ■ P.O. Box 42963 ■ Houston, TX 77242-2963 ■ 713-541-8200 ■ FAX 713-541-8226

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MODEL 2001 INDUSTRIAL RACKMOUNT COMPUTER

SPECIFICATIONS

- **Operational and Physical Characteristics**

  The Model 2001A can be configured with various Texas Micro AT Bus compatible CPU cards.

  Please see the appropriate Texas Micro technical specification for CPU card details.

- **Power:**

	150-Watt	220-Watt
+5 @	20.0 Amp	30.0 Amp
+12 @	5.0 Amp	6.0 Amp
-5 @	0.7 Amp	N/A
-12 @	1.0 Amp	1.5 Amp

- **Input Voltage:**

  Preset to 95 to 132 VAC or preset to 180 to 264 VAC; 47 to 63 Hz.

- **Expansion:**

  All 2001 chassis have 10 slots mounted on the passive backplane. AT versions have five full AT slots and five XT slots, or an optional eight AT and two XT slots.

- **Indicators & Controls:**

  Power on/off LED. On/off lock switch. Hard disk access indicator. Lockable floppy disk door.

- **Disk Storage:**

  The 2001 series will accommodate up to three half-height disks;

  Two 5.25" half-height removable media devices, accessible behind door and one 5.25" half-height internal fixed disk drive.

- **Keyboard:**

  Standard 5 pin DIN AT connector on front panel. Optional rear DIN connector available.

ENVIRONMENTAL	OPERATING	NON-OPERATING
Temperature	0º to 55ºC	0° to 70°C (32° to 58°F)
Humidity	5% to 95% at 45ºC, non-condensing	5% to 95% at 45°C, non-condensing
Shock	10G	40G
Vibration	1.5G @ 5 - 100 Hz	5G @ 5 - 100 Hz
Altitude	15,000 ft.	50,000 ft.

ORDERING GUIDE

2001A	2001 AT with 150 Watts, 110VAC/60 Hz Input
2021A	2001 AT with 150 Watts, 220VAC/50 Hz Input
2201A	2001 AT with 220 Watts, 110VAC/60 Hz Input
2221A	2001 AT with 220 Watts, 220VAC/50 Hz Input
KIT00	Mounting for one full-height 3.5" or two half-height 5.25" hard disks (Optional).

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