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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Excalibur Systems EXC-1553PCI/P1* at our website: *Click HERE*

EXC-1553PCI/EP

General Specifications

Supports 1553A/B, F-16, McAir
Handles 4 µsec. Intermessage Gap (all modes)
18K x 8 dual-port RAM (EP)
36K x 8 dual-port RAM (EPM, EPMI)
Board setup modifiable in real time
Variable amplitude transceivers
Programmable Time Tag resolution (RT & MON)
Direct or Transformer Bus coupling
Programmable Interrupts
Loopback mode facilitates 1553 cable testing
Error injection (BC & RT)

Host Interface

PCI compliance:	Target: 8 /16 bit
Memory space occupied:	64K x 16
Interrupts:	INTA#
Power (EPM):	+5V ±5% @ 1.2A
	+12V ±5% @ 150mA
	-12V ±5% @ 150mA

Physical Characteristics

Mechanical format (EP):	220mm x 107mm
Weight (EP):	245 grams

Operating Environment

Temperature:	0° - 70°C
Humidity:	5% - 90% noncondensing
MTBF (EP):	30,000 hours at 25°C, G_F

1-800-MIL-1553

Bus Controller

Programmable Intermessage delay
Programmable RT Response Time Out
Programmable Frame Time
Loop and single-shot modes

Remote Terminal

Up to 32RTs
Selectable Broadcast Mode
Programmable Mode Code Subaddress ID
Programmable Status Word
Programmable RT response time

Bus Monitor

Three operational modes: Fixed-block, Link-list
Look-up Table
Three storage modes: Store All, Store Only,
Store After
Programmable Triggers and Masks

Software Support

C Drivers with source code
Menu driven software for DOS
Windows software for Windows 9x/ NT

Ordering Information

EXC-1553PCI/EP	1553 Interface for PCI bus
EXC-1553PC/EPM	Includes Concurrent Monitor
EXC-1553PC/EPMI	Includes Independent Concurrent Monitor

www.MIL-1553.com

MIL-STD-1553

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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