ARTISAN®
TECHNOLOGY GROUP

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

Artisan Technology Group
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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 *RTD Embedded Technologies DM6430HR-1* at our website: *Click HERE*



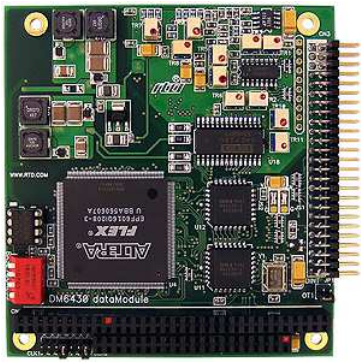
DM6430HR

True AT High Speed DAQ with 16-bit, 100 kHz Analog I/O and Full AT Bus Interface

*Operating Temperature **-40°** to **+85°**C*

Key Features

- PC/104 form factor with stackable ISA bus
- High-resolution Analog Inputs
  - 16 Single-ended/8 Differential inputs
  - 16-bit A/D with matched internal Sample and Hold
  - 10 µs conversion time (100 kHz throughput)
  - ±10 V Input Range
  - Programmable gains of 1, 2, 4, 8
  - 1K entry Channel-Gain Scan Memory with Skip Bit
- High-speed Data Paths
  - *True AT* 16-bit bus to A/D and D/A
  - 1K Sample Buffer on A/D Converter
  - DMA transfers
- Versatile Triggering
  - Software, Pacer Clock, and External Triggers
  - Pre-, Post-, and About-Trigger Modes
  - Random Scan, Burst, and Multi-burst using Channel-Gain Table
- Two fast analog outputs
  - 16-bit resolution
  - 10 µs settling time (full scale)
  - ±10V output range
  - 5 mA output current
- Digital I/O
  - 1K byte Digital Input Buffer
  - 8 bit-programmable digital I/O lines with Advanced Digital Interrupts
  - 8 port-programmable digital I/O lines
  - -12/+24 mA output drive currents
- Timers and Counters
  - Programmable high-speed sample counter
  - Two 16-bit timer/counters, on-board 8 MHz clock
- Programmable Interrupt Source
- Mating Connector
  - Standard 50-pin 0.1" DIL header



DM6430 dataModule



Rugged IDAN configurations available

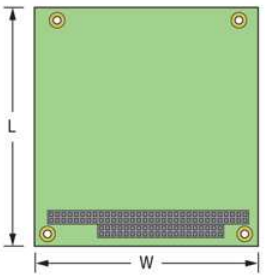
View I/O Assignments

Software

- Includes software packages for the following Operating Systems:
  - DOS
  - Windows 98, NT4.0, 2000, XP/XPe
  - Linux 2.4.x and 2.6.x
- Source code provided for easy porting to other platforms, including RTOSes.
- Data acquisition toolkits such as LabVIEW and MATLAB may be used with the Windows drivers.
- Example programs with source code provide a starting point for developing custom applications.

Recommended Accessories

- XT50: 3 foot, 50-pin, twisted-pair cable
- TB50: 50-pin screw terminal board
- XB50: 50-pin screw terminal board with prototyping area



Physical Attributes

- Dimensions
  - Length (L): 3.775 inches (95.89 mm)
  - Width (W): 3.550 inches (90.17 mm)
  - Stand-off Height: 0.600 inches (15.24 mm)
- Weight: Approximately 0.34 lbs. (0.15 Kg)
- Standard Operating Temperature, 90% humidity non-condensing: -40 to +85°C
- Storage Temperature: -55 to +125°C
- MTBF: 1,894,073 hours
- Power Requirements: 3.5 W @ 5 VDC typical

Documentation and Downloads

- Hardware Manual
- Drivers and Example Programs

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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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