# Data Acquisition (DAQ) Hardware: Market Research Report

https://marketpublishers.com/r/D7858C16E8AEN.html

Date: January 2019
Pages: 268
Price: US$ 5,600.00 (Single User License)
ID: D7858C16E8AEN

## Abstracts

This report analyzes the worldwide markets for Data Acquisition (DAQ) Hardware in US$ Thousand by the following Segments: External Devices, and Plug-in Cards and Boards.

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Latin America, and Rest of World. Annual estimates and forecasts are provided for the period 2015 through 2022. Also, a six-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based on public domain information including company URLs. The report profiles 86 companies including many key and niche players such as -

ADInstruments Ltd.

AMETEK, Inc.

Campbell Scientific, Inc.

DATAQ Instruments, Inc.

Fortive Corp.

General Electric Company

# Contents

## 1. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations
Data Interpretation & Reporting Level
Quantitative Techniques & Analytics
Product Definitions and Scope of Study
Data Acquisition Hardware
External Devices
Plug-in Cards and Boards

## 2. INDUSTRY OVERVIEW

Data Acquisition (DAQ): An Introductory Prelude
Healthy Growth Projected over the Coming Years for DAQ Hardware Market
Developed Regions Remain Key Revenue Contributors

**Table 1.** Developed Regions Account for over 2/3rd Share of World DAQ Hardware
Market: Percentage Breakdown of Revenues for Developed and Developing Regions
(2018E & 2022P) (includes corresponding Graph/Chart)

Developing Nations: Hot Spots for Future Market Growth

**Table 2.** World DAQ Hardware Market – Geographic Regions Ranked by % CAGR
(Value Sales) for 2015-2022: Asia-Pacific, Rest of World, Latin America, Canada,
Europe, Japan and US (includes corresponding Graph/Chart)

Wide Addressable Market Keeps Growth Momentum Intact
Key Applications of DAQ by Category: A Snapshot
Technology Advancements & Product Improvements Spur Adoption
Select Recently Launched DAQ Hardware Solutions: A Snapshot
Favorable Macro Trends to Aid Market Expansion

**Table 3.** World Real GDP Growth Rates in % (2016-2019P): Breakdown by
Country/Region (includes corresponding Graph/Chart)

*Data Acquisition (DAQ) Hardware: Market Research Report*

## 3. KEY PRODUCT MARKET TRENDS

External DAQ Devices: Largest & Fastest Growing Category

**Table 4.** Percentage (%) Share of External Devices in World DAQ Hardware Revenues for Years 2018E & 2022P (includes corresponding Graph/Chart)

Standalone Systems Facilitate Flexible & Convenient DAQ
Advantages of Standalone DAQ Systems over PC Based Plug-in DAQ: A Snapshot
Plug-in Cards Continue to Grab Attention
High-Speed DAQ Systems Proliferate the Market
Typical DAQ Card Vs. High-Speed DAQ Card: Brief Comparison
Ethernet DAQ Makes Rapid Progress
USB DAQ Gains Traction with Ease-of-Use & Flexibility Features
LXI Set to Emerge as Preferred Bus Architecture for DAQ
PCI Remains Major DAQ Bus Technology
PXI for High Performance DAQ Applications
VXI DAQ for Automated Test Measurements
Wireless DAQ: The Ongoing Trend
Smartphones & Tablet PCs Drive Momentum in Wireless DAQ
Multi-Functional & Robust DAQ Systems Grab Market Attention
Board Size Reduction Leads to Higher Speed
Declining Prices and Improving Performance of ADCs
DAQ Systems with FPGA Capability
Legacy Systems Co-exist with New Systems
DAQ Software Influences Hardware Selection
The 'Web' Affects Market Dynamics

## 4. KEY END-USE MARKET TRENDS

Industrial Manufacturing Sector: Primary Revenue Contributor to DAQ Systems
Key Applications for DAQ in Manufacturing Facilities
Asset Condition Monitoring
Manufacturing & Quality Test
Design Validation & Verification
PC-Based Control & Automation
High Thrust on Industrial Automation Creates Fertile Environment

**Table 5.** Global Industrial Automation Market by Segment (2017): Percentage Breakdown of Investments for Factory Automation and Process Automation (includes corresponding Graph/Chart)

**Table 6.** Global Industrial Automation Market by Sector (2017): Percentage Breakdown of Investments for Automotive, Chemical, Food Processing, Oil & Gas, Packaging, Pharmaceuticals, Plastic Manufacturing, Power, Textile and Others (includes corresponding Graph/Chart)

Emerging IIoT to Widen the Scope & Span of DAQ
Proliferation of M2M Technologies Bodes Well for DAQ Market
DAQ Hardware Gears Up for Industry 4.
A Glimpse of First, Second, Third & Fourth Industrial Revolutions
DAQ Assumes Critical Importance in Automotives

**Table 7.** World Production of Passenger Cars & Commercial Vehicles: Breakdown of Annual Production Figures in '000 Units for Years 2014, 2016, 2018E & 2020P (includes corresponding Graph/Chart)

Testing & Measurement Made Easier with DAQ in Aerospace & Defense Applications
DAQ Systems to Study ELT Performance Improvement
DAQ for Launch Vehicles & Other Space Applications
DAQ Seeks Bigger Role in the Sprawling Oil & Gas Sector

**Table 8.** World Crude Oil Production by Country (2014-2016): Breakdown of Crude Production (in 1,000 Barrels per day) for Brazil, China, Iran, Iraq, Kuwait, Russia, Saudi Arabia, UAE, USA, Venezuela and Others (includes corresponding Graph/Chart)

Investments on DAQ Continue to Soar in Power Sector
DAQ Gathers Steam in Life Sciences Research

**Table 9.** Global Pharmaceutical R&D Spending (in US$ Billion) for the Years 2010 through 2017 (includes corresponding Graph/Chart)

DAQ Seeks to Establish its Role in Diagnosis & Therapy Applications

*Data Acquisition (DAQ) Hardware: Market Research Report*

Robust Opportunities in Water Resources, Environment/Climate & Agriculture Applications

## 5. PRODUCT OVERVIEW

Data Acquisition: A Conceptual Overview
Components of DAQ System
Personal Computers
Transducers/Sensors
Transducer/Sensors for Measuring Physical Phenomenon: A Snapshot
Signal Conditioners
Signal Types for DAQ
Data Acquisition Hardware
External Devices
Data Loggers
Chart Recorders
Paperless Recorders
Data Acquisition Front Ends
Digital Input/Output
Timing I/O System
Standalone DAQ Systems
Plug-in Cards and Boards
A Cursory Glance at Various Computer Bus Architectures
Data Acquisition Software

## 6. COMPETITIVE LANDSCAPE

Highly Fragmented & Intensely Competitive Market
A Brief Note on Leading DAQ Hardware Vendors
6.1 Focus on Select Global Players
ADInstruments Ltd. (New Zealand)
AMETEK, Inc. (USA)
Campbell Scientific, Inc. (USA)
DATAQ Instruments, Inc. (USA)
Fortive Corp. (USA)
General Electric Company (USA)
Honeywell International, Inc. (USA)
Keysight Technologies, Inc. (USA)
Mantracourt Electronics Ltd. (UK)

Measurement Computing Corp. (USA)

National Instruments Corporation (USA)

PRUFTECHNIK Dieter Busch AG (Germany)

Spectris Plc (UK)

HBM Test and Measurement (Germany)

Red Lion Controls, Inc. (USA)

Yokogawa Electric Corp. (Japan)

6.2 Product Introductions/Innovations

Measurement Computing Releases MCC 118 Voltage Measurement DAQ HAT for Raspberry Pi

Measurement Computing Unveils Linux Universal Library to Support MCC DAQ Devices

HBM Rolls Out GEN2tB Portable Data Recorder

HBM Introduces SomatXR CX22B-R Data Recorder

PhotoSound Technologies Rolls Out LEGION Series Data Acquisition Electronics

Yokogawa Electric Develops OpreX GX90XA-10-V1 High-Voltage Analog Input Module

Tektronix Introduces DAQ6510 Data Acquisition and Logging Multimeter System

AstroNova Launches Upgraded TMX DAQ System

NI Rolls Out FieldDAQ Devices

HBM Adds CP52 Processor to MGCplus DAQ System

HBM Unveils Somat eDAQXR System

Measurement Computing Releases USB-1808 Series of High-Performance DAQ Devices

Measurement Computing Releases WebDAQ Internet Enabled Data Loggers

Honeywell Process Solutions Unveils Experion Elevate SCADA System

Yokogawa Electric to Introduce New GM Series DAQ Systems

Campbell Scientific Releases CR310 Measurement and Control Datalogger

Campbell Scientific Rolls Out CR1000X Measurement and Control Datalogger

6.3 Recent Industry Activity

L3 Technologies to Utilize AMETEK's Aircraft DAQ

AMETEK Appoints AAR as Aftermarket Distributor

Spectris to Merge Brüel & Kjær and HBM

Kistler Opens New Office in Germany

GE Breaks Ground On New Headquarters in Boston


**7. GLOBAL MARKET PERSPECTIVE**


**Table 10.** World Recent Past, Current & Future Analysis for Data Acquisition Hardware by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan),

Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 11.** World Historic Review for Data Acquisition Hardware by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 12.** World 14-Year Perspective for Data Acquisition Hardware by Geographic Region – Percentage Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

Market by Product Segment

**Table 13.** World Recent Past, Current & Future Analysis for DAQ External Devices by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 14.** World Historic Review for DAQ External Devices by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 15.** World 14-Year Perspective for DAQ External Devices by Geographic Region – Percentage Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

**Table 16.** World Recent Past, Current & Future Analysis for DAQ Plug-in Cards and Boards by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 17.** World Historic Review for DAQ Plug-in Cards and Boards by Geographic

*Data Acquisition (DAQ) Hardware: Market Research Report*

Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 18.** World 14-Year Perspective for DAQ Plug-in Cards and Boards by Geographic Region – Percentage Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

## 8. REGIONAL MARKET PERSPECTIVE

8.1 The United States
A. Market Analysis
The United States: Prime Market for DAQ Systems

**Table 19.** US Accounts for over 1/4th Share of World DAQ Hardware Market: Percentage Breakdown of Revenues for US and Rest of World (2018E & 2022P) (includes corresponding Graph/Chart)

PC Remains Favorite Equipment for Data Acquisition
Network-based DAQ Systems Gain Traction
Higher Channel Counts on Demand
Outlook Remain Promising
B. Market Analytics

**Table 20.** US Recent Past, Current & Future Analysis for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 21.** US Historic Review for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 22.** US 14-Year Perspective for Data Acquisition Hardware by Product Segment – Percentage Breakdown of Dollar Sales for External Devices and Plug-in Cards and

Boards Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

8.2 Canada
Market Analysis

**Table 23.** Canadian Recent Past, Current & Future Analysis for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 24.** Canadian Historic Review for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 25.** Canadian 14-Year Perspective for Data Acquisition Hardware by Product Segment – Percentage Breakdown of Dollar Sales for External Devices and Plug-in Cards and Boards Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

8.3 Japan
A. Market Analysis
DAQ Deployments to Remain Northbound
Prevailing Scenario in the Japanese Industrial Sector Benefits DAQ Market
B. Market Analytics

**Table 26.** Japanese Recent Past, Current & Future Analysis for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 27.** Japanese Historic Review for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 28.** Japanese 14-Year Perspective for Data Acquisition Hardware by Product

Segment – Percentage Breakdown of Dollar Sales for External Devices and Plug-in Cards and Boards Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

8.4 Europe
A. Market Analysis
A Mature yet Growing Market
Wireless Technology Holds Enormous Potential
DAQ Seeks Bigger Role in Vast Aerospace & Defense Sector
B. Market Analytics

**Table 29.** European Recent Past, Current & Future Analysis for Data Acquisition Hardware by Geographic Region – France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 30.** European Historic Review for Data Acquisition Hardware by Geographic Region – France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 31.** European 14-Year Perspective for Data Acquisition Hardware by Geographic Region – Percentage Breakdown of Dollar Sales for France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

**Table 32.** European Recent Past, Current & Future Analysis for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 33.** European Historic Review for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 34.** European 14-Year Perspective for Data Acquisition Hardware by Product Segment – Percentage Breakdown of Dollar Sales for External Devices and Plug-in

8.4.1 France
Market Analysis

**Table 35.** French Recent Past, Current & Future Analysis for Data Acquisition Hardware
by Product Segment – External Devices and Plug-in Cards and Boards Markets
Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015
through 2022 (includes corresponding Graph/Chart)

**Table 36.** French Historic Review for Data Acquisition Hardware by Product Segment –
External Devices and Plug-in Cards and Boards Markets Independently Analyzed with
Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes
corresponding Graph/Chart)

**Table 37.** French 14-Year Perspective for Data Acquisition Hardware by Product
Segment – Percentage Breakdown of Dollar Sales for External Devices and Plug-in
Cards and Boards Markets for Years 2009, 2018 & 2022 (includes corresponding
Graph/Chart)

8.4.2 Germany
A. Market Analysis
Huge Industrial Base Makes Germany a Prominent DAQ Market

**Table 38.** Germany Accounts for over 1/3rd Share of European DAQ Hardware Market:
Percentage Breakdown of Revenues for Germany and Rest of Europe (2018E & 2022P)
(includes corresponding Graph/Chart)

B. Market Analytics

**Table 39.** German Recent Past, Current & Future Analysis for Data Acquisition
Hardware by Product Segment – External Devices and Plug-in Cards and Boards
Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years
2015 through 2022 (includes corresponding Graph/Chart)

**Table 40.** German Historic Review for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 41.** German 14-Year Perspective for Data Acquisition Hardware by Product Segment – Percentage Breakdown of Dollar Sales for External Devices and Plug-in Cards and Boards Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

8.4.3 Italy
Market Analysis

**Table 42.** Italian Recent Past, Current & Future Analysis for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 43.** Italian Historic Review for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 44.** Italian 14-Year Perspective for Data Acquisition Hardware by Product Segment – Percentage Breakdown of Dollar Sales for External Devices and Plug-in Cards and Boards Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

8.4.4 The United Kingdom
Market Analysis

**Table 45.** UK Recent Past, Current & Future Analysis for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 46.** UK Historic Review for Data Acquisition Hardware by Product Segment –

External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 47.** UK 14-Year Perspective for Data Acquisition Hardware by Product Segment – Percentage Breakdown of Dollar Sales for External Devices and Plug-in Cards and Boards Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

  8.4.5 Spain
Market Analysis

**Table 48.** Spanish Recent Past, Current & Future Analysis for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 49.** Spanish Historic Review for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 50.** Spanish 14-Year Perspective for Data Acquisition Hardware by Product Segment – Percentage Breakdown of Dollar Sales for External Devices and Plug-in Cards and Boards Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

  8.4.6 Russia
Market Analysis

**Table 51.** Russian Recent Past, Current & Future Analysis for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 52.** Russian Historic Review for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes

corresponding Graph/Chart)

**Table 53.** Russian 14-Year Perspective for Data Acquisition Hardware by Product Segment – Percentage Breakdown of Dollar Sales for External Devices and Plug-in Cards and Boards Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

  8.4.7 Rest of Europe
Market Analysis

**Table 54.** Rest of Europe Recent Past, Current & Future Analysis for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 55.** Rest of Europe Historic Review for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 56.** Rest of Europe 14-Year Perspective for Data Acquisition Hardware by Product Segment – Percentage Breakdown of Dollar Sales for External Devices and Plug-in Cards and Boards Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

8.5 Asia-Pacific
A. Market Analysis
Asia-Pacific Evolves as Fastest Growing Market
Ongoing Expansion in Industrial Sector Extends Potential Opportunities
Emphasis on Industrial Automation to Underpin DAQ Deployments
B. Market Analytics

**Table 57.** Asia-Pacific Recent Past, Current & Future Analysis for Data Acquisition Hardware by Geographic Region – China, India and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 58.** Asia-Pacific Historic Review for Data Acquisition Hardware by Geographic Region – China, India and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 59.** Asia-Pacific 14-Year Perspective for Data Acquisition Hardware by Geographic Region – Percentage Breakdown of Dollar Sales for China, India and Rest of Asia-Pacific Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

**Table 60.** Asia-Pacific Recent Past, Current & Future Analysis for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 61.** Asia-Pacific Historic Review for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 62.** Asia-Pacific 14-Year Perspective for Data Acquisition Hardware by Product Segment – Percentage Breakdown of Dollar Sales for External Devices and Plug-in Cards and Boards Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

8.5.1 China
A. Market Analysis
China: A Lucrative Market for DAQ Systems
Key Industrial Applications for DAQ
B. Market Analytics

**Table 63.** Chinese Recent Past, Current & Future Analysis for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 64.** Chinese Historic Review for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with

**Table 65.** Chinese 14-Year Perspective for Data Acquisition Hardware by Product Segment – Percentage Breakdown of Dollar Sales for External Devices and Plug-in Cards and Boards Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

  8.5.2 India
A. Market Analysis
Growing Manufacturing Base Extends Potential Opportunities
DAQ Hardware Deployments Continue to Soar
B. Market Analytics

**Table 66.** Indian Recent Past, Current & Future Analysis for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 67.** Indian Historic Review for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 68.** Indian 14-Year Perspective for Data Acquisition Hardware by Product Segment – Percentage Breakdown of Dollar Sales for External Devices and Plug-in Cards and Boards Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

  8.5.3 Rest of Asia-Pacific
Market Analysis

**Table 69.** Rest of Asia-Pacific Recent Past, Current & Future Analysis for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 70.** Rest of Asia-Pacific Historic Review for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 71.** Rest of Asia-Pacific 14-Year Perspective for Data Acquisition Hardware by Product Segment – Percentage Breakdown of Dollar Sales for External Devices and Plug-in Cards and Boards Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

8.6 Latin America
Market Analysis

**Table 72.** Latin American Recent Past, Current & Future Analysis for Data Acquisition Hardware by Geographic Region – Brazil and Rest of Latin America Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 73.** Latin American Historic Review for Data Acquisition Hardware by Geographic Region – Brazil and Rest of Latin America Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 74.** Latin American 14-Year Perspective for Data Acquisition Hardware by Geographic Region – Percentage Breakdown of Dollar Sales for Brazil and Rest of Latin America Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

**Table 75.** Latin American Recent Past, Current & Future Analysis for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 76.** Latin American Historic Review for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 77.** Latin American 14-Year Perspective for Data Acquisition Hardware by

Product Segment – Percentage Breakdown of Dollar Sales for External Devices and Plug-in Cards and Boards Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

  8.6.1 Brazil
Market Analysis


**Table 78.** Brazilian Recent Past, Current & Future Analysis for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 79.** Brazilian Historic Review for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 80.** Brazilian 14-Year Perspective for Data Acquisition Hardware by Product Segment – Percentage Breakdown of Dollar Sales for External Devices and Plug-in Cards and Boards Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

  8.6.2 Rest of Latin America
Market Analysis


**Table 81.** Rest of Latin American Recent Past, Current & Future Analysis for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 82.** Rest of Latin American Historic Review for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 83.** Rest of Latin American 14-Year Perspective for Data Acquisition Hardware by Product Segment – Percentage Breakdown of Dollar Sales for External Devices and

Plug-in Cards and Boards Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

8.7 Rest of World
Market Analysis

**Table 84.** Rest of World Recent Past, Current & Future Analysis for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2015 through 2022 (includes corresponding Graph/Chart)

**Table 85.** Rest of World Historic Review for Data Acquisition Hardware by Product Segment – External Devices and Plug-in Cards and Boards Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2009 through 2014 (includes corresponding Graph/Chart)

**Table 86.** Rest of World 14-Year Perspective for Data Acquisition Hardware by Product Segment – Percentage Breakdown of Dollar Sales for External Devices and Plug-in Cards and Boards Markets for Years 2009, 2018 & 2022 (includes corresponding Graph/Chart)

### 9. COMPANY PROFILES

Total Companies Profiled: 86 (including Divisions/Subsidiaries - 96)
The United States (54)
Canada (3)
Japan (1)
Europe (23)
  France (1)
  Germany (7)
  The United Kingdom (9)
  Italy (3)
  Rest of Europe (3)
Asia-Pacific (Excluding Japan) (14)
Middle-East (1)

# I would like to order

|  |  |
|---|---|
| Product name: | Data Acquisition (DAQ) Hardware: Market Research Report |
| Product link: | https://marketpublishers.com/r/D7858C16E8AEN.html |
| Price: | US$ 5,600.00 (Single User License / Electronic Delivery) |
|  | If you want to order Corporate License or Hard Copy, please, contact our Customer Service: |
|  | info@marketpublishers.com |

# Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/D7858C16E8AEN.html