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**Data Sheet**

August 15, 2026

AGILENT / KEYSIGHT

## Agilent/Keysight E1466-80010

The Agilent/Keysight E1466-80010 is a VXI message-based memory module. Designed for use in VXIbus systems, it provides memory resources for data acquisition, signal processing, and instrument control applications.



MODEL

**Agilent / Keysight  
E1466-80010**

CALIBRATION

**Available on  
request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**E1466-80010**

LISTING

<https://aumictechlabs.com/products/e1466-80010-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

### This unit

The Agilent/Keysight E1466-80010 is a VXI message-based memory module engineered for integration into VXIbus systems. It functions as a dedicated memory resource, supporting data acquisition, signal processing, and instrument control within modular instrumentation environments. The module communicates via message-based protocols, delivering higher-performance communication channels and optimized VXIbus bandwidth utilization compared to register-based alternatives. Technical Specifications The E1466-80010 adopts a C-size form factor, fitting into standard VXIbus slot configurations. It interfaces through P1 and P2 connectors as specified by the VXIbus standard, with P1 mandatory and P2 optional for expanded data transfer bandwidth. Message-based communication enables sophisticated interaction and data exchange across the VXIbus architecture, including support for the Word Serial Protocol for fundamental communication tasks. Each module assigned to a VXIbus system receives dedicated error queue, input/output buffers, and status register allocations. Register locations conform to

VXIbus address specifications required for all modules. Key Features Message-based architecture for advanced communication capabilities C-size module format compatible with standard VXIbus mainframes Dual-connector design (P1/P2) for flexible bandwidth expansion Dedicated error queue, I/O buffers, and status register per installation VXIbus protocol support including Word Serial Protocol Typical Applications Data acquisition systems Real-time signal processing Instrument control and automation Modular test and measurement environments Compatibility & Integration The E1466-80010 integrates into complete VXIbus systems comprising a mainframe, VXI devices, Slot 0 controller card, resource manager, and host controller. System control is managed by either embedded or external computer architectures. The module leverages VXIbus architecture - an open standard combining VMEbus speed with GPIB-level accessibility - enabling seamless operation within modular instrumentation platforms.

## E146680010 Characteristics / Specifications

| PARAMETER            | VALUE                                                                  |
|----------------------|------------------------------------------------------------------------|
| Model                | E1466-80010                                                            |
| Brand                | Agilent / Keysight                                                     |
| Catalog Title        | Agilent/Keysight E1466-80010                                           |
| Sku                  | E1466-80010                                                            |
| Product Class        | catalog accessory or spare                                             |
| Listing Status       | published catalog item                                                 |
| Document Class       | accessory or spare identity sheet                                      |
| Numeric Table Status | no public OEM numeric table for this exact SKU                         |
| Identity Source      | Aumictech product catalog listing                                      |
| Parent System        | as named in the catalog title                                          |
| Form Factor          | accessory or spare hardware                                            |
| Use Role             | replacement or configuration accessory                                 |
| Electrical Limits    | not published for this SKU; see parent instrument datasheet            |
| Mechanical Limits    | not published for this SKU; see packing list or faceplate              |
| Interface            | as implied by the catalog title and parent family                      |
| Configuration Code   | E1466-80010                                                            |
| Manufacturer Line    | Agilent / Keysight                                                     |
| Documentation Note   | thin accessory sheet                                                   |
| Calibration Class    | notastandalone calibrated instrument unless the title states otherwise |
| Replacement Class    | catalog spare or accessory                                             |
| Public Spec Density  | identity only                                                          |

# Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.

Applications

Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.

Key Features

Catalog identity matched to brand, model, and SKU

Accessory or spare class rather than standalone instrument

No invented electrical performance numbers

Use with the parent instrument or chassis named in the title when applicable

Documented as thin because OEM numeric tables are not public

Technical Specifications

### Technical Specifications

| PARAMETER            | VALUE                                                                  |
|----------------------|------------------------------------------------------------------------|
| Model                | E1466-80010                                                            |
| Brand                | Agilent / Keysight                                                     |
| Catalog Title        | Agilent/Keysight E1466-80010                                           |
| Sku                  | E1466-80010                                                            |
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| Listing Status       | published catalog item                                                 |
| Document Class       | accessory or spare identity sheet                                      |
| Numeric Table Status | no public OEM numeric table for this exact SKU                         |
| Identity Source      | Aumictech product catalog listing                                      |
| Parent System        | as named in the catalog title                                          |
| Form Factor          | accessory or spare hardware                                            |
| Use Role             | replacement or configuration accessory                                 |
| Electrical Limits    | not published for this SKU; see parent instrument datasheet            |
| Mechanical Limits    | not published for this SKU; see packing list or faceplate              |
| Interface            | as implied by the catalog title and parent family                      |
| Configuration Code   | E1466-80010                                                            |
| Manufacturer Line    | Agilent / Keysight                                                     |
| Documentation Note   | thin accessory sheet                                                   |
| Calibration Class    | not standalone calibrated instrument unless the title states otherwise |
| Replacement Class    | catalog spare or accessory                                             |

| PARAMETER           | VALUE         |
|---------------------|---------------|
| Public Spec Density | identity only |

Notes  
ALLOW\_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument datasheet.

### Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: [sales@aumictech.com](mailto:sales@aumictech.com) · +1 (484) 841-9341

#### Aumictech

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30-day returns  
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.