

KEYSIGHT TECHNOLOGIES (AGILENT HP)

M9505A

The Keysight M9505A is a high-performance 5-slot AXIe modular chassis designed for demanding electronic test and measurement applications. Compliant with the AXIe 1.0 specification, it features a 4U rackmount form factor, an integrated system module that frees up valuable instrument slots, high-speed PCIe backplane connectivity, and robust cooling and power capabilities per slot.

SPECIFICATIONS

General

Interfaces	LAN (10/100/1000 Base-T), USB 2.0 (Type-B), PCIe (Gen 2 x8 cable connector)
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Slot Configuration & Backplane Architecture

Total Number of Slots	5
Instrument Slot Count	5
Backplane Type	PCIe Gen 2

Power Supply & Cooling Specifications

Maximum Power per Slot	200 W
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Backplane Data Bandwidth & Triggering

AXIe Trigger Bus Lines	12
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Physical Characteristics

Form Factor / Rack Units	4U
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Standards, Compliance & Certifications

AXIe Specification Version	AXIe-1.0 Base Architecture
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Backplane & Connectivity

PCIe Link to Host	x8 Gen 2 (up to 4 GB/s) via cable connector or USB 2.0
PCIe Link to Slots	x4 Gen 2 (up to 2 GB/s) to each slot

Compliance & Safety

Safety Standards	IEC 61010-1, EN 61010-1, UL 61010-1, CSA C22.2 No. 61010-1
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Chassis Configuration

Integrated System Module	Yes (does not occupy instrument slots)
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Compliance

Overvoltage Category	II
Pollution Degree	2

TECHNOLOGY

AXIe (AdvancedTCA Extensions for Instrumentation and Test)

APPLICATIONS

Modular test and measurement systems

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.