

KEYSIGHT TECHNOLOGIES (AGILENT HP)

M9018A

The Keysight M9018A is an 18-slot PXI Express chassis designed as the mechanical, power, and PCI Express backplane platform for modular automated test systems. It provides a PXIe-compliant backplane with system controller and system timing slots, 10 MHz reference distribution, and 100 MHz differential clocks on PXIe slots.

SPECIFICATIONS

General

Interfaces	PXI Express backplane
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Backplane Architecture and Performance

PXI/PXIe Specification Compliance	PXI Express (PXIe) compliant backplane
PCI Express Fabric	PCI Express-based backplane
100 MHz PXIe Differential Clock	Provided on PXIe slots per PXIe spec

Slot Configuration

Total Slots	18
System Controller Slot Type	PXI Express (PXIe) system controller slot
Accepted Module Form Factor	PXI Express (PXIe) modules

Power and Cooling

Power Supply Type	Integrated AC mains power supply
Cooling Method	Forced-air cooling with integrated fans

Connectivity and Interfaces

Host Controller Options	Embedded PXIe controller in system slot
Remote PC Connectivity Options	Remote host via PCIe cabled interface module in system slot

Mechanical and Physical

Form Factor	18-slot PXI Express chassis
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Ordering Information

Base Model	M9018A
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Documentation

Product Documentation	Datasheet and user guide available from Keysight
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TECHNOLOGY

PXI Express (PXIe) backplane chassis

