

KEYSIGHT TECHNOLOGIES (AGILENT HP)

16902A

The Agilent/Keysight 16902A is a high-performance 6-slot logic analysis system mainframe designed for system-level debugging of digital designs. Its modular architecture supports a wide variety of logic analyzer, pattern generator, and analysis modules, allowing customization to specific test environments. Running an open Windows PC platform, it features a 12.1-inch color touchscreen display and offers remote operation, extensive storage options, and multi-monitor support for deep data visualization.

SPECIFICATIONS

General

Display	12.1-inch SVGA color touchscreen (800 x 600 resolution)
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Physical

Operating Temperature	0 °C to 50 °C °C
Dimensions (W×H×D)	426 mm × 401 mm × 528 mm mm
Weight	20.9 kg

System Architecture

Number of Module Slots	6
Operating System	Windows XP Professional
Multiframe Configuration Support	Multiframe Pro (connects multiple mainframes via single interface)

Display & User Interface

Touchscreen Support	Built-in touch screen
Front Panel Controls	Shortcut keys, dedicated scrolling and scaling knobs
Keyboard & Mouse Support	Supported (included)

Connectivity & I/O Ports

Trigger Inputs / Outputs	BNC Trigger In, BNC Trigger Out
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Power Specifications

Maximum Power Consumption	1300 W
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Physical Characteristics

Weight (Empty)	20.9 kg (46.0 lbs)
Weight (Maximum Module Configuration)	26.3 kg (58.0 lbs)
Width	426 mm (16.8 in)
Height	401 mm (15.8 in)
Depth	528 mm (20.8 in)

Environmental & Reliability

Storage Temperature Range	-40 °C to +75 °C
Operating Humidity Range	Up to 80% relative humidity at 40 °C (non-condensing)
Maximum Operating Altitude	3,000 meters (10,000 ft)

Display Details

Internal Display Size	30.7 cm (12.1 in) diagonal
Internal Display Resolution	800 × 600 pixels (SVGA)
Internal Display Type	Color active-matrix TFT LCD

TECHNOLOGY

Logic Analysis

APPLICATIONS

System-level digital design debugging and analysis

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