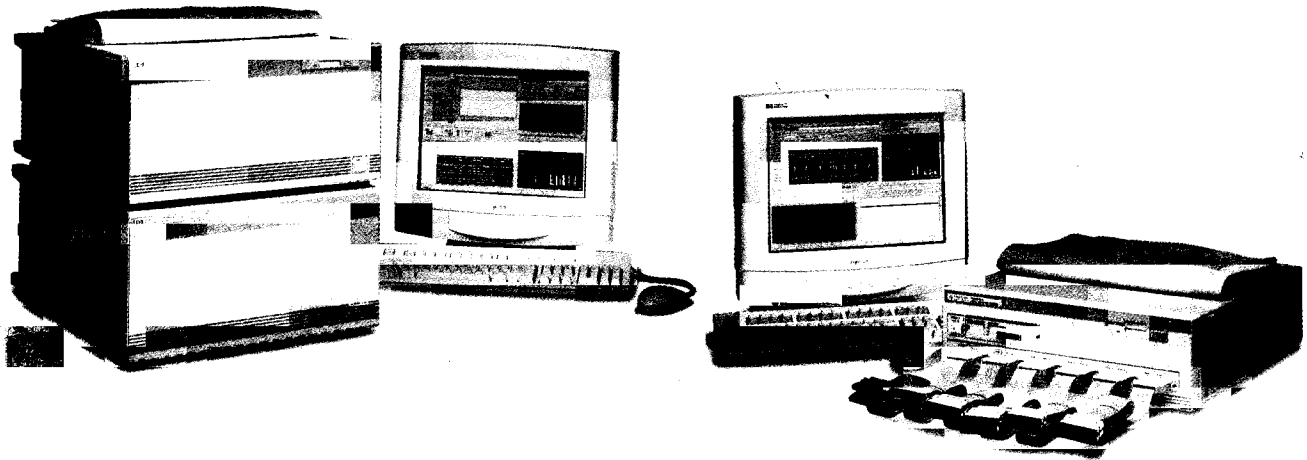HP 16600A
HP 16601A
HP 16602A
HP 16603A
HP 16700A
HP 16701A

NEW

HP 16700A Logic Analysis System Mainframe

The HP 16700A logic analysis system offers comprehensive cross-domain debugging optimized for multiprocessor designs. Hardware designers get high-speed logic analysis on up to 1,020 channels, while software designers get a full suite of emulation tools. And with multiple time-correlated views on screen simultaneously, and access to test data through a shared physical connection, the whole team can work together more effectively and efficiently.

Specifications

Mainframe: 5 measurement modules, 2 emulation modules
Expansion Mainframe: 5 measurement modules, 2 emulation modules
Maximum Channel Count: 510 with HP 16700A only; 1,020 by adding HP 16701A
Maximum State Clock: 100 MHz to 2 GHz/s (depending on module selection)
Maximum Timing Sample Rate: 500 MHz to 4 GHz/s (depending on module selection)
Memory Depth: 4 K to 4 M (depending on module selection)

Key Literature

HP 16600A and 16700A Series Logic Analysis System Mainframes, p/n 5966-3107E
HP Logic Analysis Systems Upgrade, p/n 5966-3059E

Ordering Information

	Price
HP 16700A Modular Mainframe	$9,900
HP 16701A Expansion Mainframe	$5,000
Opt 001 17" Color Monitor	$1,070
Opt 003 Performance Upgrade/160MB RAM and 2M video RAM	$2,800
Opt 004 External CD-ROM drive	$720

HP 16600A Series Logic Analysis Systems

The HP 16600A Series logic analysis systems offer the power of combined logic analysis and emulation in a simple, cost-effective package.

HP 16600A systems are preconfigured with 68, 102, 136 or 204 measurement channels. In addition, the HP 16600A provides one open slot for an emulation module and one open slot for a measurement module.

Specifications

State and Timing Channels
　　HP 16600A: 204
　　HP 16601A: 136
　　HP 16602A: 102
　　HP 16603A: 68
State Analysis Speed: 100 MHz
State/Timing Memory Depth: 64/128 K per channel (full/half channels)
Setup/Hold Time: 0/4.5 ns to 4.5/0 ns adjustable in 500 ps increments
Maximum Timing: 125/250 MHz (full/half channels) sample rate
Context Store: 16/32/64 state stored around trigger point
Open Slots: 1 measurement module; 1 emulation module

Ordering Information

	Price
HP 16600A 204-Channel Logic Analysis System	$24,240
HP 16601A 136-Channel Logic Analysis System	$18,040
HP 16602A 102-Channel Logic Analysis System	$14,540
HP 16603A 68-Channel Logic Analysis System	$10,040
Opt 001 17" Color Monitor	$1,070
Opt 003 Performance Upgrade/160MB RAM and 2M video RAM	$2,800
Opt 004 External CD-ROM drive	$720
Opt 010 17-Channel Probe Leads (2 sets)	$490