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BSTS Base Platforms

Agilent Technologies Broadband Series Test System

E4200B and E4210B



E4200B Form-7 Base Platform



E4210B Form-13 Base Platform

Product Benefits

- Powerful PA-RISC Controller
- 64 MB memory standard
- Includes 4 GB hard drive
- Standard UNIX® user environment
- E4200 Form-7 chassis has five slots available for user modules.
- E4210 Form-13 chassis has eleven slots available for user modules.
- Agilent Visual User Environment (Agilent VUE) graphical user interface

From Lab to Field Trial

These two chassis for the industry-standard ATM/B-ISDN protocol and transmission test system let you use the same tester all the way from R&D engineering and conformance testing through interoperability tests and field trials!

Configure An ATM Test System to Suit Your Needs

All BSTS modular hardware components and line interfaces are based on VXIbus, as high-speed instrumentation backplane. Pick hardware modules, line interfaces and test software to meet your specific testing requirements. Modules are inserted in a chassis and the test system recognizes them on power-up.

Two form factors are available. The E4210 Form-13 chassis can be used on a bench or rack-mounted for lab use; two slots are used by the included UNIX® Controller and disk drive, leaving eleven slots available for user modules. The E4200 Form-7 chassis is designed for transportable use and is a popular choice for field trials; it has five slots available for user modules.

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Key Features

Powerful PA-RISC Controller

- Includes advanced technology V743 HP-UX workstation controller
- Networkable; use with X-terminals or LANS for remote operation
- 64 MB of RAM standard

Large Storage Capacity

- Includes 4 GB hard drive
- Optional DVD-ROM drive for software loading

User Programming Environment

- Standard UNIX user environment
- UNIX utilities including rlogin, telnet, ftp, etc.
- Programming environment includes standard K&R C compiler and development tools; ANSI C and C++ developer's bundle also available
- Agilent Visual User Environment (Agilent VUE) graphical user interface; based on X Window System (X11R5) and OSF/Motif 1.2

You can automate repetitive testing or create complex test scenarios quickly by taking advantage of the BSTS's built in high level user tasks. The UNIX-based C-language and Tcl programming environments give you the power to develop detailed, specific test scenarios.

Simply link your programs to the supplied library of test routines. The user programming library provides programmatic support of all functions available through the graphical user interface. In-depth user and programmers' manuals document test software features and the test routine libraries.

Warranty & Support Options

Hardware

All BSTS hardware components are warranted for a period of 3 years. Products must be returned to an authorized Agilent service center for service. At the time of purchase, you may select warranty option W01, a no-charge option which converts the standard 3-year return to Agilent warranty to a 1-year on-site warranty.

Software

Agilent Broadband Series Test System software and firmware products are supplied on transportable media such as disk, CD-ROM or integrated circuits. The warranty covers physical defects in the media, and defective media is replaced at no charge during the warranty period. When installed in an Agilent Broadband Series Test System, the software/firmware media has the same warranty period as the product.

Product Numbers

- **E4200B** BSTS Form-7 Transportable Base
- **E4210B** BSTS Form-13 Mainframe Base

Controller Options (applicable to E4200B and E4210B)

- **(standard)** 100 MHz PA-RISC Controller with 64 MB memory
- **E4200/4210 # ANS** 100 MHz PA-RISC Controller with 128 MB memory

LAN Options (applicable to E4200B and E4210B)

- **ALV** Configure ethernet port for ThinLAN
- **ALW** Configure ethernet port for 10Base-T

Storage Option (applicable to E4200B and E4210B)

- **AM8** External DVD-ROM Drive (capable of reading CD-ROM media)

Transit Case (E4200B Only)

- **E4200 #077** Metal transit carrying case

Monitor Options (E4210B only)

- **E4210B #AQ3** 15 inch (38 cm) Color Monitor
- **E4210B #AQ5** 17 inch (43 cm) Color Monitor
- **E4210B #ADJ** 20 inch (51 cm) Color Monitor

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Preliminary Technical Specifications

Common Features

Host Processor (Standard)	• 100 MHz V743 PA-RISC (121.6 Dhrystone MIPS)
Operating System	• HP-UX
User Interface	• X-Window X11, OSF/Motif
Peripheral Interfaces	• Ethernet LAN • SCSI • HP-IB IEEE-488 • HP Parallel • RS-232
Miscellaneous	• Real-time clock • Audio output jack
Hard Disk	• 4.0 GB built-in
Removable Media	• 1.44 MB floppy disk

Agilent E4200B Form-7 Transportable Base

Number of Slots	• 7
Available Slots	• 5
Weight	• 28 kg (62lbs)
Display	• Built-in color flat panel (640x480)
Keyboard	• attached • integrated track-ball
Dimensions	• 255 H x 420 W x 450 D (mm) • 10.0 H x 16.5 W x 17.7 D (in)

Agilent E4210B Form-13 Mainframe Base

Number of Slots	• 13
Available Slots	• 11
Weight	• 40 kg (88 lbs)
Display	• External VGA monitor (640x480)
Keyboard	• Detached • Mouse
Dimensions	• 310 H x 426 W x 586 D (mm) • 12.2 H x 16.8 W x 23.1 D (in)

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Agilent Technologies Broadband Series Test System

The Agilent Technologies BSTS is the industry-standard ATM/BISDN test system for R&D engineering, product development, field trials and QA testing. The latest leading edge, innovative solutions help you lead the fast-packet revolution and reshape tomorrow's networks. It offers a wide range of applications:

- ATM traffic management and signalling
- Packet over SONET/SDH (POS)
- switch/router interworking and performance
- third generation wireless tesing
- complete, automated conformance testing

The BSTS is modular to grow with your testing needs. Because we build all BSTS products without shortcuts according to full specifications, you'll catch problems other test equipment may not detect.

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