

ASI-BI120A-00A

[UART Burn-in Tester with Smart Host Control SW]



Note: image above may show a varied configuration or optional parts.

Key Features:

- 120 ports [3/24/48 port models have the same features]
 - **Default:** SFF8639 with customized UART interconnect backplane with 2.5" SSD/HDD form factor. Base system allows for interchangeable loaders (can mix and match)
 - **Optional:** PCIe-edge card form factor front loading adapter available
 - **Optional:** M.2 card form factor front loading adapter available
 - **Optional:** other customized form factor front loading adapter can be supplied
- Windows GUI Host Control Software
- Customizable Host GUI and UART data protocol (OPT)
- Host/DUT control scripting language support
- PCIe card slot upgradeable (OPT) Configuration test software

Specifications

Product SKUs	
BI-3DEV	3 port UART development system
BI-24A	24 port UART development system
BI-48A	48 port UART development system
BI-120A	120 port UART development system

Form Factor	
<ul style="list-style-type: none"> • Rack mount system (default: 2.5" SSD/HDD form factor loader) Front exchange loaders available for PCIe-edge card, M.2, and other interconnect form factors 	

Processor (3Port PMU)	
PMU: ARM core	

Dimensions	BI-120A (request for other models)
Width	• 24.5" (600mm)
Height	• 76.5" (1945mm)
Depth	• 39.5" (1000mm)
Packaging	• 33.50" (W) x 81.50" (H) x 49" (D)
Gross Weight	• 726 lbs (330kg)
Color	• Grey/Silver

Drive Bays (test slots)	
<ul style="list-style-type: none"> • Default SFF8639 with customized UART port. • Optional expansion loader cards available for PCIe-edge card and M.2. • Other customizable loader can be supplied based on request (optional) 	

Backplane (port)	
SFF8639 with customized uart connectivity. Optional interconnect adapters available	
<ul style="list-style-type: none"> • Default: SFF8639 with customized UART interconnect backplane with 2.5" SSD/HDD form factor. Base system allows for interchangeable loaders (can mix and match) • Optional: PCIe-edge card form factor front loading adapter available • Optional: M.2 card form factor front loading adapter available • Optional: other customized form factor front loading adapter can be supplied 	

System Cooling (air flow control) – rack mount system	
Fans	<ul style="list-style-type: none"> • 4x 40x56mm 4-pin PWM fans (per 2 racks) • 2x 120x40mm 2-pin PWM fans for chassis ventilation

Power (System): BI-120A	
Voltage	• AC 110 / 220 (50 / 60 Hz)
Max Power	• 5KW (220V / 23A)

Power (ports) – supply volt: 12v, 5v, 3.3v	
12V	• 2.5A max (avg over 1 second duration). 4.5A max peak @450mS
3.3V	• 100mA

Tester / Host communication	
Ethernet (max speed 100Mbps)	

Device port communication	
TTL Serial (3.3v): Max Speed 460Kbps	

Front Panel	
Buttons	• System Power On/Off button
LEDs	4 LED display indicator per port <ul style="list-style-type: none"> • Device/drive insertion detection LED • Power on/off LED • Programmable 2 LED