ASI-BI003-00A

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



Key Features:

- 3 ports (UART development station)
 - **Default**: SFF8639 with customized UART interconnect backplane with 2.5" SSD/HDD form factor. Base system allows for inter changeable loaders (can mix and match)
 - Optional: PCle-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
- PCle card slot upgradeable (OPT) Configuration test software

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

Specifications

Product SKUs	
BI-003-00A	3 port UART development system

Form Factor

Rack mount system (default: 2.5" SSD/HDD form factor loader)
 Front exchange loaders available for PCle-edge card, M.2, and other interconnect form factors

Processor (3Port PMU)

PMU: ARM core

Dimensions	BI-003 (request for other models)
Width	• 24.5" (600mm)
Height	• 76.5" (1945mm)
Depth	• 39.5" (1000mm)
Packaging	• TBD
Gross Weight	• 8kg
Color	Silver metallic

Drive Bays (test slots)

- · Default SFF8639 with customized UART port.
- Optional expansion loader cards available for PCle-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

- **Default**: SFF8639 with customized UART interconnect backplane with 2.5" SSD/HDD form factor. Base system allows for inter changeable 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		
System County (all now control) - rack mount system	
	 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)

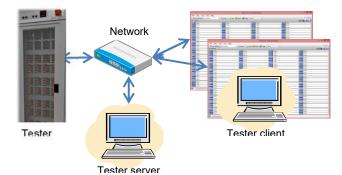
Power (ports) – supply volt: 12v, 5v, 3.3v	
12V	2.5A max (avg over 1 second duration). 4.5A max peak @450mS
3 3V	• 100mA

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
	 Device/drive insertion detection LED
	 Power on/off LED
	 Programmable 2 LED



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