

A portable digitizer solution  
with a single PCI Expansion  
slot for board-level instruments  
such as GaGe's next-generation  
CompuScope and CompuGen  
cards.

## BENEFITS

- The only solution for adding a single PCI card to a desktop/server using a PCI Express slot
- The only solution for adding a PCI card to a laptop computer
- Offers a consistent PCI configuration allowing easy host computer upgrades
- Low latency and high PCI throughput
- Proven method to increase PCI capability without losing performance

## LapScope-1

### 1-slot PCI Expansion Chassis for CompuScope and CompuGen cards



Ideal portable digitizer solution for use with your laptop or to provide additional PCI slots for a desktop computer.

## FEATURES

- Easy Plug and Play installation
- PCI Express® host card provides easy connection to desktop computers and servers
- CardBus and ExpressCard modules provide connection to your favorite laptop computer
- Includes 1-meter expansion cable
- 1 slot PCI backplane
- Dedicated cooling and power for PCI cards
- Supports full-length or half-length universal and legacy 5 volt only PCI cards
- Full-length enclosure supports cards that are 12.74" or shorter and weighs only 2.15 pounds



**SUPPORTED GAGE CARDS**

Cobra CompuScope Family, Octopus CompuScope Family, CompuScope 14200, CompuScope 12400, CompuScope 14105, all CompuGen models

**BACKPLANE**

1 PCI slot (32-bit/33MHz)  
PCI Local Bus Specification: Revision 2.2  
PCI Bridge Architecture Specification: Revision 1.2

**CABLE**

1-meter PCI expansion cable

**INTERCONNECT BANDWIDTH**

132 MB/sec (Theoretical Max. of PCI 32/33)

**ENCLOSURE**

Black (Steel/Aluminum)  
Full-length: 5.45"W x 1.70"H x 13.43"D  
2.15lbs or 0.98kg  
Half-length: 5.45"W x 1.70"H x 8.02"D  
1.75lbs or 0.8kg

**POWER SUPPLY**

Power Supply: 45W power brick  
DC Input 9-16Vdc 165mA Max.  
DC Output 45-W Max

**SYSTEM COOLING**

One 4 CFM fan

**HOST CONNECTIONS AND POWER CONSUMPTION**

Universal PCI 32/33: 0.63W max; 5V @ 0.125A;  
Low Profile PCI (64/33): 0.86W max; 3.3V @ 0.25A  
x1 PCI Express@: 0.69W max; 3.3V @ 0.21A  
CardBus (PCMCIA): 0.42W max; 3.3V @ 0.125A  
ExpressCard: 0.81W max; 3.3V @ 0.21A; 1.5V @ 0.08A

**MTBF**

25,000 hours

**ENVIRONMENTAL**

Ambient Temperature: 0° to 50° C,  
Storage Temperature: -20° to 60°  
Relative Humidity: 5% to 85%, non-condensing

**REGULATORY COMPLIANCE**

FCC Class A Verified  
CE Certified

**SUPPORTED OPERATING SYSTEMS**

Windows XP/2000

**WARRANTY**

1 year parts and labor

	Max Amps	Max Watts
+3.3 V	4.54A	15W*
+5V	3.0A	15W*
+12V	0.625A	7.5W
-12V	0.625A	7.5W

\*Combined wattage of all voltage rails should not exceed 45 watts.

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To find your local sales representative or distributor or to learn more about GaGe's products visit:

**www.gage-applied.com**

**ORDERING INFORMATION**

LapScope-1-CB: 1-Slot Cardbus to PCI Expansion Chassis	400-901-001
LapScope-1-EC: 1-Slot ExpressCard to PCI Expansion Chassis	400-901-002
LapScope-1-PCIE 1-Slot PCI Express to PCI Expansion Chassis	400-901-003

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