

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

	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.

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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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

900 N. State St.
 Lockport, IL 60441-2200

Toll-Free (US and Canada):

phone 1-800-567-4243
 fax 1-800-780-8411

Direct:

phone +1-514-633-7447
 fax +1-514-633-0770

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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