

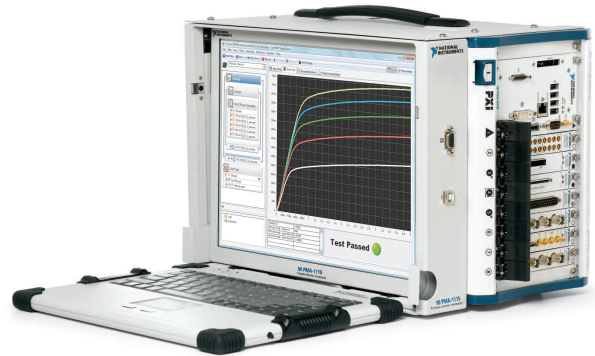
Portable PXI LCD Monitor and Keyboard Accessory

NI PMA-1115 **NEW!**

- Integrated, portable monitor and keyboard accessory for NI 8-slot PXI and PXI Express systems
- 15 in. touch screen LCD monitor with adjustable tilt
- 1024 x 768 screen resolution
- Detachable English keyboard and touchpad
- Attaches via PXI chassis rack-mount holes
- NI factory- or user-installable
- VGA video connection
- 0 to 50 °C operating temperature
- RoHS-compliant
- Touch screen-compatible with Windows Vista/XP/2000/NT

Accessories

- NI PXI carrying case
- Replacement VGA and USB cable kit
- Replacement AC power adapter



Overview

The NI PMA-1115 is an integrated, portable monitor, keyboard, and touchpad accessory for 8-slot PXI and PXI Express chassis from National Instruments. It has a 15 in. touch screen LCD with adjustable tilt and features a carrying handle for easy portability. You can attach this accessory using existing rack-mount holes on 8-slot PXI and PXI Express chassis to provide a complete portable PXI solution.

LCD Monitor

The PMA-1115 monitor is a 15 in., high-brightness, TFT LCD touch panel. The monitor has a maximum resolution of 1024 x 768 and features up to 80 deg of tilt. The LCD is protected by antiglare tempered glass.

Keyboard and Touchpad

The PMA-1115 English language keyboard has 105 keys and a touchpad mouse. You can detach the keyboard from the casing and use the touch screen monitor by itself with the chassis. The keyboard and touchpad have standard USB connectivity.

Installation

The PMA-1115 includes a complete mounting kit for attachment to an 8-slot PXI or PXI Express chassis from NI. This kit contains all required fasteners and an adapter plate with provisions to relocate the carrying handle. Refer to the *NI PMA-1115 User Guide and Specifications* at ni.com/manuals for instructions on how to install this accessory.

Shipping Components

The PMA-1115 kit includes the following items:

- PMA-1115
- Adapter plate and mounting hardware

- Power cable
- 12 VDC power adapter
- Video cable to connect PMA-1115 to PXI/PXI Express controller
- USB cable
- Driver CD
- Cable ties to organize power cabling
- Interlocking fastener to secure power adapter

Ordering Information

NI PMA-1115780215-01

Accessories

NI PMA-1115 replacement video and USB cable kit.....780396-01

NI PMA-1115 replacement AC power adapter780397-01

NI PXI carrying case780398-01

Additional Power Cords¹

North American 240 VAC763068-01

Japanese 100 VAC763634-01

United Kingdom 240 VAC763064-01

Swiss 220 VAC763065-01

Australian 240 VAC763066-01

Universal Euro 240 VAC763067-01

¹U.S. 120 VAC power cord included.

BUY NOW!

For complete product specifications, pricing, and accessory information, call 800 813 3693 (U.S.) or go to ni.com/pxi.

Portable PXI LCD Monitor and Keyboard Accessory

Specifications

AC/DC Adapter

AC adapter input.....	100 to 240 VAC, 47 to 63 Hz, 1.8 A maximum
AC adapter output.....	12 VDC, 5 A
Power switch	Left side of product

LCD

LCD input.....	12 VDC, 5 A
Type	TFT LCD touch screen
Auto-power switch	LCD goes into standby when no signal is present
Diagonal size.....	15 in. (38.11 cm)
Maximum resolution.....	1024 x 768
Display area	11.97 by 8.98 in. (30.41 by 22.81 cm)
Contrast ratio	500:1
Brightness	300 NTS
Frame rate	60 Hz (typical), 75 Hz (maximum)
Color	16.2 M colors
Viewing angle	160 deg up and down 160 deg right and left
Control system	Onscreen display
Connectivity.....	VGA

Keyboard and Mouse

Keyboard	105-key, English language
Mouse	Touchpad
Connectivity.....	USB

Mechanical

Overall dimensions	14.75 by 2.31 by 11 in. (37.47 by 5.87 by 27.94 cm) without mounting plate
Weight.....	5.0 kg (11 lb)
LCD monitor folding angle.....	Up to 80 deg

Environmental

Maximum altitude.....	2,000 m (800 mbar) (at 25 °C ambient)
Pollution degree.....	2
Operating location	Indoor use only
Ambient temperature range	0 to 50 °C (tested in accordance with IEC-60068-2-1 and IEC-60068-2-2; meets MIL-PRF-28800F Class 3 low-temperature limit)
Relative humidity range.....	10 to 90%, noncondensing (tested in accordance with IEC-60068-2-56)

Storage Environment

Ambient temperature range	-20 to 60 °C (tested in accordance with IEC-60068-2-1 and IEC-60068-2-2)
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Relative humidity range.....	10 to 90%, noncondensing (tested in accordance with IEC-60068-2-56)
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Shock and Vibration

Operational shock	10 g peak, half-sine, 11 ms pulse (tested in accordance with IEC-60068-2-27)
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Random Vibration

Operating.....	5 to 500 Hz, 0.31 g _{rms}
Nonoperating	5 to 500 Hz, 2.46 g _{rms} (tested in accordance with IEC-60068-2-64; nonoperating test profile exceeds the requirements of MIL-PRF-28800F, Class 3)

Safety and Compliance

Safety

This product is designed to meet the requirements of the following standards of safety for information technology equipment:

- IEC 60950-1, EN 60950-1
- UL 60950-1, CSA 60950-1

Note: For UL and other safety certifications, refer to the product label or visit ni.com/certification, search by model number or product line, and click the appropriate link in the Certification column.

Electromagnetic Compatibility

This product is designed to meet the requirements of the following standards of EMC for electrical equipment for measurement, control, and laboratory use:

- EN 55024, CISPR 24
- EN 55022, CISPR 22
- CE, C-Tick, ICES, and FCC Part 15 Emissions; Class A

Note: For EMC compliance, operate this device according to product documentation.

CE Compliance

This product meets the essential requirements of applicable European Directives, as amended for CE marking, as follows:

- 2006/95/EC; Low-Voltage Directive (safety)
- 2004/108/EC; Electromagnetic Compatibility Directive (EMC)

Note: Refer to the Declaration of Conformity (DoC) for this product for any additional regulatory compliance information. To obtain the DoC for this product, visit ni.com/certification, search by model number or product line, and click the appropriate link in the Certification column.

Waste Electrical and Electronic Equipment (WEEE)

EU Customers: At the end of their life cycle, all products must be sent to a WEEE recycling center. For more information about WEEE recycling centers and National Instruments WEEE initiatives, visit ni.com/environment/weee.htm.

电子信息产品污染控制管理办法 (中国 RoHS)

中国客户 National Instruments 符合中国电子信息产品中限制使用某些有害物质指令 (RoHS)。关于 National Instruments 中国 RoHS 合规性信息, 请登录 ni.com/environment/rohs_china。(For information about China RoHS compliance, go to ni.com/environment/rohs_china.)

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Professional Services

Our NI Professional Services team is composed of NI applications and systems engineers and a worldwide National Instruments Alliance Partner program of more than 600 independent consultants and integrators. Services



range from start-up assistance to turnkey system integration. Visit ni.com/alliance.

OEM Support

We offer design-in consulting and product integration assistance if you want to use our products for OEM applications. For information about special pricing and services for OEM customers, visit ni.com/oem.

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Hardware Services

System Assurance Programs

NI system assurance programs are designed to make it even easier for you to own an NI system. These programs include configuration and deployment services for your NI PXI, CompactRIO, or Compact FieldPoint system. The NI Basic System Assurance Program provides a simple integration test and ensures that your system is delivered completely assembled in one box. When you configure your system with the NI Standard System Assurance Program, you can select from available NI system driver sets and application development environments to create customized, reorderable software configurations. Your system arrives fully assembled and tested in one box with your software preinstalled. When you order your system with the standard program, you also receive system-specific documentation including a bill of materials, an integration test report, a recommended maintenance plan, and frequently asked question documents. Finally, the standard program reduces the total cost of owning an NI system by providing three years of warranty coverage and calibration service. Use the online product advisors at ni.com/advisor to find a system assurance program to meet your needs.

Calibration Services

NI recognizes the need to maintain properly calibrated devices for high-accuracy measurements. We provide manual calibration procedures, services to recalibrate your products, and automated calibration software specifically designed for use by metrology laboratories. Visit ni.com/calibration.

Repair and Extended Warranty

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