Portable PXI LCD Monitor and Keyboard Accessory

**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](https://ni.com/manuals) at [ni.com/manuals](https://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

**Accessories**

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

**Ordering Information**

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<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>780215-01</td>
<td>NI PMA-1115</td>
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<tr>
<td>780396-01</td>
<td>NI PMA-1115 replacement video and USB cable kit</td>
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<tr>
<td>780397-01</td>
<td>NI PMA-1115 replacement AC power adapter</td>
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<tr>
<td>780398-01</td>
<td>NI PXI carrying case</td>
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**Additional Power Cords**

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<tr>
<th>Country</th>
<th>Part Number</th>
<th>Description</th>
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<tr>
<td>North America 240 VAC</td>
<td>763068-01</td>
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<td>Japan 100 VAC</td>
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<td>Universal Euro 240 VAC</td>
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1U.S. 120 VAC power cord included.

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

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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)

Random Vibration
Operating ........................................... 5 to 500 Hz, 0.31 gms
Nonoperating ...................................... 5 to 500 Hz, 2.46 gms (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.

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Calibration Services

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Repair and Extended Warranty

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