

# Dialogic® DM/IP601-CPCI-100BT IP Board

## Quick Install Card

**Dialogic®**

Part number 64-0027-02  
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## Before You Begin

### Protecting the Board from Damage

**CAUTION:** All computer boards are sensitive to electrostatic discharge (“ESD”). Handle all static-sensitive boards and components at a static-safe work area, and observe anti-static precautions at all times.

If you are not familiar with ESD safety precautions, visit <http://www.dialogic.com/support/hwinstall> to learn more.

### Unpacking the Board

Unpack the Dialogic® DM/IP601-CPCI-100BT board (“board”) according to the following steps:

1. Prepare a static-safeguarded work area.
2. Carefully remove the board from the shipping carton and anti-static packaging. Handle the board by the edges and avoid touching the board’s components.
3. Lay the board on the static-dissipative work surface.

**Note:** Place boards in static-shielding bags when carrying boards from station to station.

**CAUTION:** Do not remove the board from the anti-static packaging until you are ready to install it. Observe proper anti-static precautions at all times.

## Installing the Hardware

**NOTE:** In a Windows environment, install the software first, the hardware second, and then run the Dialogic® Configuration Manager (DCM) to configure the system.

1. Turn the power to the chassis **OFF** if you do not have a live insertion system. If you do have live insertion capability, the power to the chassis can remain **ON**.
2. Remove the chassis cover plate or open the front door.
3. Select an empty expansion bus slot.

### Physical Description

**Faceplate  
(front view)**

**Compact PCI Board**

**T-1 and E-1 120-Ohm  
Rear I/O Module**

**E-1 75-Ohm  
Rear I/O Module**

Compact PCI Baseboard		Rear I/O Modules	
<u>Part:</u>	<u>Function:</u>	<u>Part:</u>	<u>Function:</u>
Power LED	Indicates board is powered up.	J1-J4	Not functional in this assembly.
Red Alarm LEDs	Not functional in this assembly.	P2	Telephony network interface test port
Yellow Alarm LEDs	Not functional in this assembly.	P5	Rear I/O module connector to Compact PCI backplane
Carrier Signal LEDs	Not functional in this assembly.	BNC Connectors	Not functional in this assembly
Loopback LEDs	Not functional in this assembly.	Ethernet Connector	Connection to Ethernet network
Out of Service LED	Indicates board is out of service or in reset from host.		
P1, P4, P5	Compact PCI board connectors to backplane.		

**NOTES:** Rear I/O Modules are ordered separately and are available in two different forms depending on the type of connectors used, guided or unguided. Select a Rear I/O Module that is compatible with your chassis type. See the *PICMG 2.0 D3.0 Compact PCI Specification* for more information on guided and unguided connectors.

**NOTE:** When power is on, the Rear I/O module should be installed first, before the main board.

4. Install the Rear I/O module in the rear of the slot selected in step 3. Use the slot’s board guides as you insert the board into the chassis slot. Make sure that the tabs on the board extractors engage the guide holes in the chassis card cage, then lock down the board extractors until the red locking tabs snap shut.

### CAUTION

cPCI backplane pins are bent easily. Make sure that the board is seated with hand pressure before fully seating board. If board extractors are used to seat the board, make sure to seat evenly.

5. Install the board in the front of the slot selected in step 3. Use the slot’s board guides as you insert the board into the chassis slot. Make sure that the tabs on the board extractors engage the guide holes in the chassis card cage, then lock down the board extractors until the red locking tabs snap shut.

**NOTE:** If the power to the chassis is on, power is automatically applied to the board, the Out of Service LED lights briefly and then goes out, and the Power LED goes on.

6. Tighten the retaining screws to secure the board firmly in the chassis slot (optional).
7. Select a new slot and repeat steps 4-6 for each board you

are installing.

8. If the power to the chassis was turned **OFF** in step 1, turn the power to the chassis **ON**.

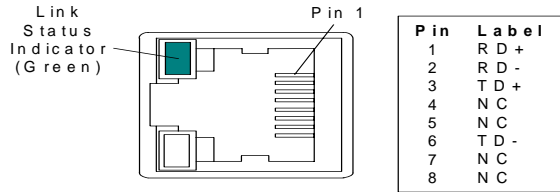
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## Connecting External Cables

Connect an Ethernet cable to the Ethernet Interface Connector on the Rear I/O module.

### 100BASE-TX Ethernet Connector Pinouts

**NOTE:** Connectors for Trunks 1 to 4 (J1 to J4 or the BNC connectors on the Rear I/O module) are not functional in this board.



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## Removing the Board

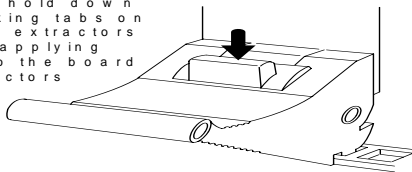
Exercise caution when removing the board from a cPCI chassis. The board extractors are equipped with red locking tabs that lock when the board is correctly positioned in the chassis.

### CAUTION

When removing the board, if the red locking tabs on the extractors are not pressed while applying pressure to the extractors, there is a risk of breaking the tabs.

To remove the board from the chassis, simultaneously press down both red locking tabs (see the figure below) on the extractors before applying pressure away from the center of the board to release the board from the chassis.

Press and hold down the red locking tabs on both board extractors before applying pressure to the board extractors



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## Removing the Rear I/O Module

**NOTE:** In a live insertion (powered-on) system, do not remove and replace a Rear I/O module while the main (front) board is in service. Remove the front board first, then remove and replace the Rear I/O module, and then

reinsert the front board. Remove the Rear I/O module using the red locking tabs as described above.

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## After Installing the Hardware

After installing the hardware, proceed with the software installation as described in the instructions included with the Dialogic® System Software.

For technical specifications and product information go to: <http://www.dialogic.com/products.htm>.

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## Warranty and Return Information

### Warranty Period

For specific warranty information for this board, refer to the Warranty section of the Products page, located at this URL: <http://www.dialogic.com/warranties/>.

### Contacting Technical Support

Dialogic provides technical support for its products through a network of value added distributors who are trained to answer technical questions on installing and configuring Dialogic® products. If you are unsure how to contact your support channel, please call Dialogic in the United States at 973-967-6600 (9am-5pm EST) and we will assist in obtaining the appropriate support channel. Outside the United States please refer to <http://www.dialogic.com/support/contact> to obtain local contact information.

Dialogic also provides direct support via Dialogic® Pro™ Services agreements. For more details of direct support from Dialogic please refer to: <http://www.dialogic.com/support/DialogicPro>.

### Returning a Product

To return a board for warranty repair or any other returns, please refer to: <http://www.dialogic.com/support/hwfaults>

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## Sales Assistance

If you have a sales question, please contact your local Sales Representative or the Regional Sales Office for your area. Address, telephone and fax numbers, are available at the Dialogic website located at:

<http://www.dialogic.com/contact.htm>.

To purchase Dialogic® products, please refer to the following website to locate the appropriate supplier. <http://www.dialogic.com/purchase.htm>.

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