

SharpMedia™ PCIE-8120 Quick Start Guide

P/N:6806800R88E (January 2015)

1 What's in the box?

Make sure you receive all items of your shipment:

- One SharpMedia™ PCIE-8120Card.
- One printed copy of *Quick Start Guide* (this document)
- One printed copy of *Safety Notes Summary*
- Any other optional items that you ordered.



When installing or servicing the module or accessories, strictly observe the safety precautions in the *Safety Notes Summary*. Otherwise, personal injury or property damage may occur. Ignoring these instructions can void the board warranty.

Electrostatic discharge and incorrect installation or removal of the card can damage circuits or shorten their life.

2 Observe ESD-safe measures

- Use either a properly grounded ESD wrist strap or make sure that you are working in an ESD-safe environment.
- Connect to the ESD connector at the front or the rear of the system.

3 Prepare the installation site

- Ensure that the I/O area for add-in cards of your server is capable of holding a single slot/standard height/full length PCIE Card.
- The Artesyn SharpMedia™ PCIE-8120 card requires a PCIE x4 connector size at minimum. It can be installed in a x8 or x16 slot as well.
- The Artesyn SharpMedia™ PCIE-8120 can be installed in a system board PCIE slot or on a PCIE riser card.

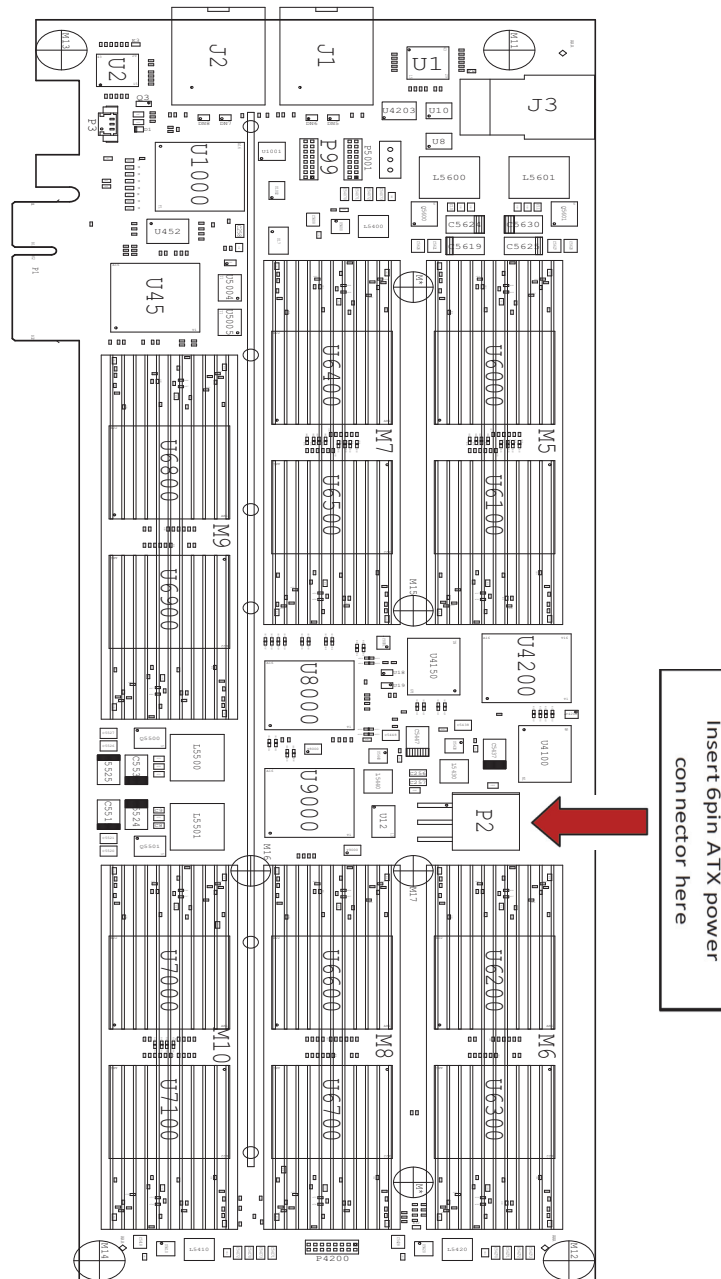
3 Prepare the installation site (contd...)

For instruction on how to install the card in a specific server, please consult the installation manual provided by your server vendor.

- Ensure that the I/O slot can supply 75W of power via the 12V supply rail for the 8 or 12 DSP versions. The 4 DSP version can also be operated in a 25W I/O slot.
- For PCIE-8120 version with the 6pin ATX power connector, ensure your server PSU provides an appropriate adapter.

4 Install the external power connector

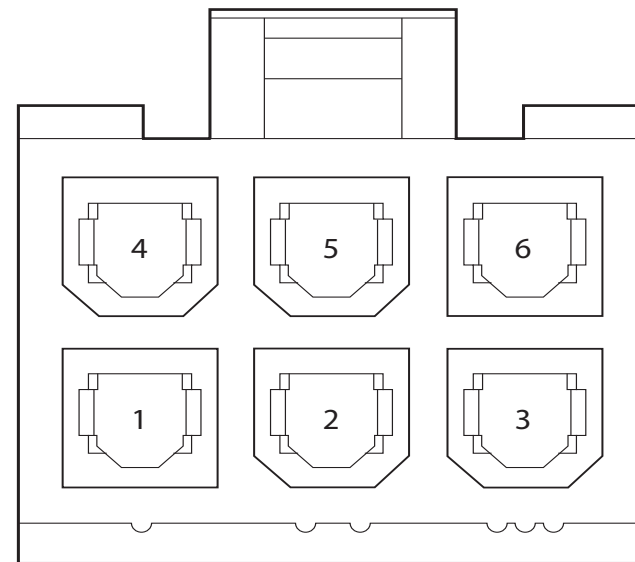
Note: An external ATX power connector option is available only for NEBS variant. Cards with external power connectors should be connected using server manufacturer supplied cables. Ensure that the power cable is provided with server.



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4 Install the external power connector (contd...)

ATX 6pin Power Connector System Pin Assignment:



A-0400

Pin	Signal
1	+12 V
2	+12 V
3	+12 V
4	Ground
5	Sense
6	Ground

Finding more information

For more information on the product, see the SharpMedia™ PCIE-8120 *Installation and Use* and other related documentation.

Go to www.artesyn.com/computing/support/product/technical-documentation.php for technical documentation.

Technical Assistance

To request technical assistance, visit our Web site <http://crcportal.artesyn.com/>.

Check for any product damage or shortages and report these to our Contact Center at: RMAsupport.ec@artesyn.com.