

# SharpMedia™ PCIE-8120 Quick Start Guide

P/N: 6806800R88G (June 2018)

## 1 Box contents

Make sure you receive all items of your shipment:

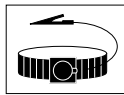
- One SharpMedia™ PCIE-8120 card
- One printed copy of *Quick Start Guide* (this document)
- One printed copy of *Safety Notes Summary*
- Any optional items ordered



When installing or servicing the system or accessories, strictly observe the safety precautions in the *Safety Notes Summary*. Ignoring these instructions can void the system warranty and cause personal injury or property damage.

## 2 ESD

Use ESD



Wrist Strap

Electrostatic discharge and incorrect installation or removal of the card can damage circuit or shorten its life.

Use a properly grounded ESD wrist strap or work in an ESD-safe environment.

Connect to the ESD connector at the front or the rear of the system.

## 3 Site preparation

Prior to installation, prepare your 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.

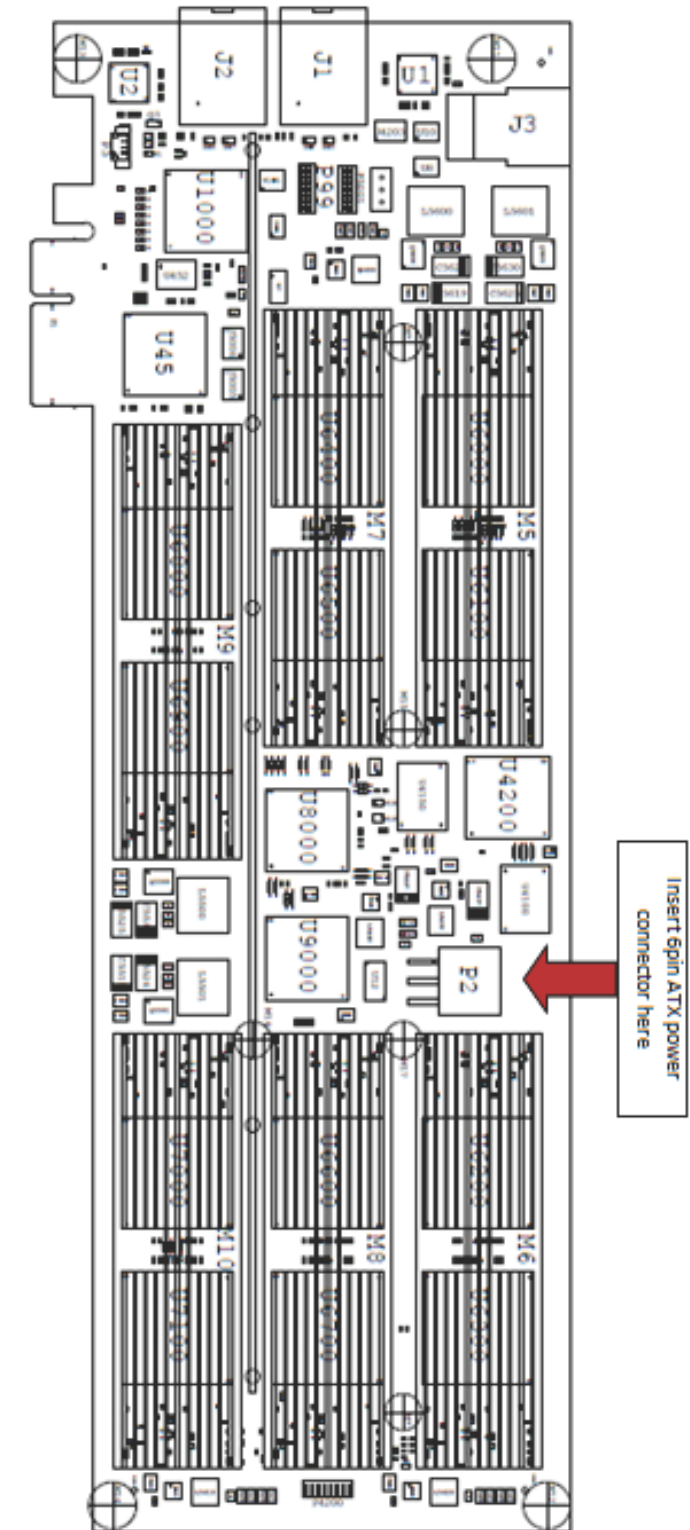
For instruction on how to install the card in a specific server, please consult the installation manual provided by your server vendor.

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

## 4 Install external power connector

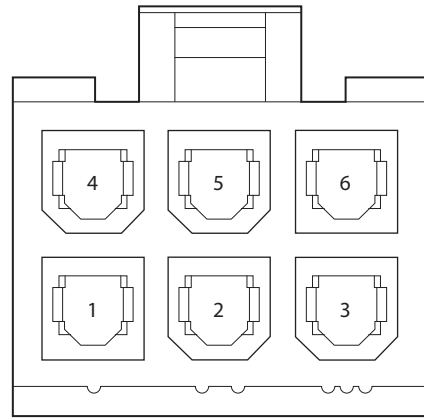
Note: An external ATX power connector option is available only for the NEBS variant. Cards with external power connectors should be connected using server manufacturer supplied cables. Ensure that the power cable is provided with server.

Refer to pin assignment drawing and table on back.



# 5 Pin assignment

ATX 6-pin power connector system pin assignment.



A-0400

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

## Technical assistance

For 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](mailto:RMAsupport.ec@artesyn.com)

## Get more information

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



For technical documentation, visit

<https://www.artesyn.com/computing/search/documents/>



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