

## Pigeon Point™ ShMM-500R Starter Kit Shelf Management Starter Kit for AdvancedTCA Shelves

This Pigeon Point Shelf Management Starter Kit provides everything you need to quickly and cost-effectively develop compliant and interoperable Shelf Management Controllers for AdvancedTCA. The kit includes:

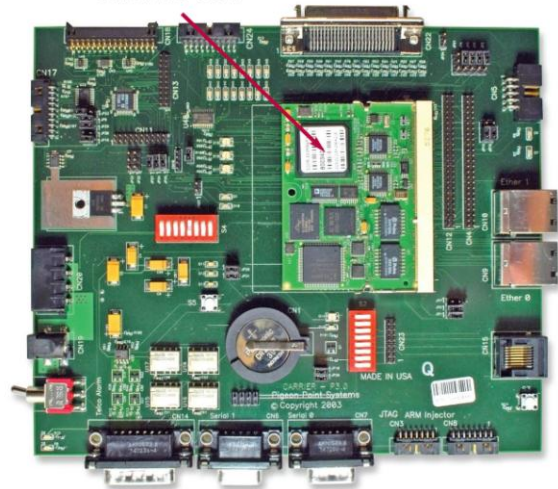
- Schematics for a ShMM carrier board, ready for adaptation to the needs of your shelf.
- Bench top hardware, including a Shelf Manager and IPM Controller, allowing your ramp up on AdvancedTCA management to start immediately.
- One-stop support for hardware, firmware and software used in developing and delivering your Pigeon Point ShMM-500R based AdvancedTCA Shelf Manager.

Please see the separate *Pigeon Point ShMM-500R and Shelf Manager Product Brief* for more details on the core components in this Starter Kit that are summarized below.

### Bench top Shelf Manager

- Pigeon Point ShMM-500R Shelf Management Mezzanine with Pigeon Point Shelf Manager
- BTC-100R Bench Top Carrier provides a socket for the ShMM-500R and on-carrier resources similar to an actual in-shelf ShMM-500R carrier
- BTC-100R can be cabled together with the included bench top IPM Controller to form a two-node bench top ATCA IPMI network
- BTC-100R Bench Top Carrier works with RoHS-compliant ShMM-500R as well as non-RoHS-compliant ShMM-500 (shown in the photo). The first generation ShMM-300R (as well as its ShMM-300 non-RoHS compliant predecessor) works in the BTC-100R as well.

ShMM-500R



### Software, schematics & documentation delivered via secure website

- Provides specific materials for your company
- Allows instant access to any updated materials that become available
- Pigeon Point ShMM-500R supports reliable, remote firmware upgrade over Ethernet connection for all ShMM-500R-resident firmware
- *Pigeon Point ShMM-500R and Shelf Manager Product Brief* provides more details on ShMM-500R firmware upgrade facilities
- Documentation and software apply equally to ShMM-500R and non-RoHS ShMM-500

### BTC-100R schematics and bill of materials

- Schematics provided in PDF form
- Bill of materials includes materials for both the core carrier reference design and additional parts used on the bench top reference implementation



**Pigeon Point Shelf Manager Release Page**

**Upgrade Images and Instructions**

[ShMM-500 Images](#) Upgrade instructions for ShMM-500

**Documentation**

[ShelfManagerREL.pdf](#) Pigeon Point Shelf Manager Release Notes  
[ShelfManagerUG.pdf](#) Pigeon Point Shelf Manager User Guide  
[ShelfManagerEIR.pdf](#) Pigeon Point Shelf Manager External Interface Reference

**Utilities**

[SDR/FRU Compilers](#) Python based FRU/SDR compilers  
[RMCPTA Utility](#) RMCPTA – RMCP Test Agent  
[PPS-SENTRY-MIB.txt](#) Pigeon Point SNMP MIB

**Source Customer Instructions**

[Shelf Manager Build Instructions](#) Build Instructions

**Monterey Linux RPMs and Documentation**

ShMM-500: [mips-rpms.tgz](#) [user\\_guide](#) [release\\_notes](#)

**Technical specifications**

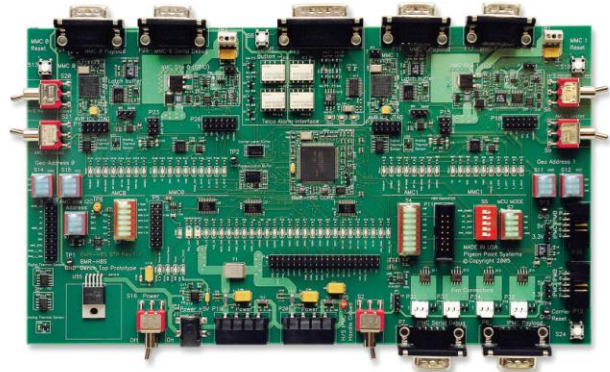
- *Pigeon Point ShMM-500 Shelf Management Mezzanine Hardware Architecture Technical Specification*
- *Pigeon Point Shelf Management Mezzanine BTC-100R Bench Top Carrier Technical Specification*
- *Pigeon Point ShMM-500 Shelf Management Mezzanine Firmware and Operating System Layer Technical Specification*
- *Pigeon Point Shelf Management Mezzanine Intelligent Platform Management Foundation Technical Specification*
- *Pigeon Point Shelf Management Mezzanine Shelf Manager Software Architecture Technical Specification*

**Monterey Linux for ShMM-500**

- Au1550 Edition of Monterey Linux; key features for Shelf Manager application include:
  - Based on Linux 2.4.x kernel port
  - Special support for the AMD Au1550 processor and peripherals
- Visit [www.pigeonpoint.com/library.html#userdocs](http://www.pigeonpoint.com/library.html#userdocs) for the Monterey Linux User Guide (Au1550 Edition)

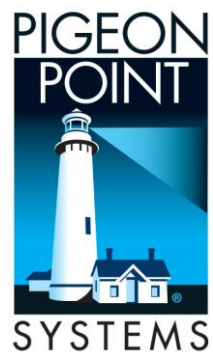
**Bench top IPM Controller**

One board supplied; can be cabled together with the bench top Pigeon Point Shelf Manager (see above) to form a two-node bench top ATCA IPMI management network



**Ordering information**

ShMM-500R-ATCA-SK	Shelf Management Starter Kit for AdvancedTCA
BTC-100R	Bench top carrier for ShMM module



For more information, visit our website at <http://www.pigeonpoint.com>

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Pigeon Point Systems • 2191 S. El Camino Real, Suite 209 • Oceanside CA 92054 • 760.757.2304