

Advantech AE Technical Share Document

Date	2020/1/14	SR#	1-4071958948
Category	<input checked="" type="checkbox"/> FAQ <input type="checkbox"/> SOP	Related OS	-
Abstract	How to test or troubleshooting for ECU-P1524PE and ECU-P1524SPE?		
Keyword	HSR, PRP, SFP, Fiber, RJ45, Internet Speed		
Related Product	ECU-4784, ECU- P1524PE, ECU- P1524SPE		

■ **Problem Description:**

This document shows the testing SOP and the way of troubleshooting for ECU-P1524PE and ECU-P1524SPE.

■ **Brief Solution:**

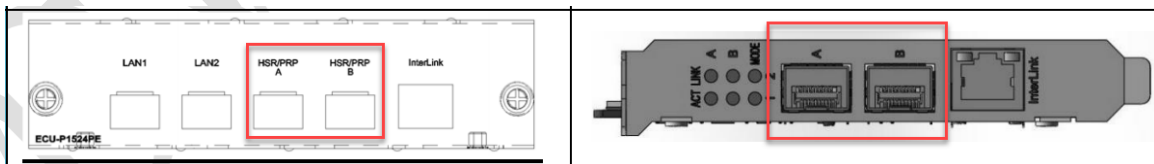
The comparison of these 2 extension cards is listed in the following FAQ.

FAQ: What is the supporting speed of ECU-P1524PE and ECU-P1524SPE?

<http://forum.adamcommunity.com/viewthread.php?tid=96609&extra=page%3D1>

SOP for testing with **1Gbps** network speed.

1. Set PRP DIP switch into “normal mode”.
2. Set speed DIP switch into “1G bps”.
3. Connect an SFP module, which support 1G bps and multi-mode, with the extension card port A or B.



4. Connect a cable with multi-mode specification with the SFP module.
5. Connect with public network.
6. If step 5 is working well, then check PRP DIP switch with “PRP mode” and “HSR mode” with step 1~ step 5.

Troubleshooting:

1. Does the extension card support the network speed matching with the existing network?
2. Does the SFP module support the network speed matching with the extension cards?
3. Does the SFP module support multi-mode?
4. Does the fiber cable support multi-mode?