Install your fan module

The TippingPoint fan module is a replacement unit and can only be used with the following TippingPoint Threat Protection System (TPS) devices:

- 8200TX
- 8400TX

You cannot use the fan module as a standalone product.

The replacement fan kit includes the following items:

- Fan module
- Documentation

Fan module

The TPS TX Series devices include seven hot-swappable fan modules.

Figure 1. TX Series device - fan module
Identify the faulty fan module

Before you begin, determine which fan module is faulty and needs to be replaced. When a fan module fails or its RPM rate falls below a certain threshold, the system generates a warning or critical alarm message in its logs.

Figure 2. TPS (TX Series) devices - back panel

1. Fan modules - fans are numbered from left to right (Fan 1 is on the left; Fan 7 is on the right)
2. Power supply modules (Power supply 1 is on the left; Power supply 2 is on the right)
3. DC grounding lug screw holes

You can verify the fan performance by using:
- The Local Security Manager (LSM) graphical user interface: System Health > Monitor > Fan Speed
- The command line interface (CLI): show health fan

Install the replacement fan module

After you identify the faulty fan module, follow these steps to replace the fan module. The fan modules are hot-swappable and can be replaced when the device is operating.

1. Press the release tab on the right side of the fan module and pull the module from its slot.
2. Set the faulty fan module aside.
3. Remove the new fan module from the packaging.
4. Align the new fan module with its open slot, and then slide the unit in until it is seated in the connector.

After you insert the fan module, the system verifies the fan speed. You can verify the performance by using the LSM: System Health > Monitor > Fan Speed.

TMC account registration

The TMC provides online access to additional product documentation, updates, and support.
To register for an account, go to https://tmc.tippingpoint.com.

Product support
Information for you to contact product support is available on the TMC at https://tmc.tippingpoint.com.

Safety and compliance
TippingPoint products comply with the following safety standards:
- UL 507
- UL 1007
- IEC/EN 60950-1
- CSA C22.2 No. 113-08

Reduction of hazardous substances
TippingPoint products comply with the RoHS Directive 2011/65/EU.

Waste electrical and electronic equipment
The host product of this custom accessory complies with the labeling requirement of the Waste Electrical and Electronic Equipment (WEEE) Directive 2002/96/EC.

Turkish recycling notice
Türkiye Cumhuriyeti: EEE Yönetmeligiine Uygundur

Ukraine compliance statement
Україна: Обладнання відповідає вимогам Технічного регламенту щодо обмеження використання деяких небезпечних речовин в електричному та електронному обладнанні, затвердженого постановою Кабінету Міністрів України від 3 грудня 2008 № 1857.
Ukraine: The equipment complies with requirements of the Technical Regulation, approved by the Resolution of Cabinet of Ministry of Ukraine as of December 3, 2008 No. 1057, in terms of restrictions for the use of certain dangerous substances in electrical and electronic equipment.

Legal and notice information

© Copyright 2017 Trend Micro Incorporated. All rights reserved.

Trend Micro Incorporated makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Trend Micro Incorporated shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

This document contains proprietary information, which is protected by copyright. No part of this document may be photocopied, reproduced, or translated into another language without the prior written consent of Trend Micro Incorporated. The information is provided “as is” without warranty of any kind and is subject to change without notice. The only warranties for Trend Micro Incorporated products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Trend Micro Incorporated shall not be liable for technical or editorial errors or omissions contained herein.

TippingPoint, the TippingPoint logo, and Digital Vaccine are trademarks or registered trademarks of Trend Micro Incorporated. All other company and/or product names may be trademarks or registered trademarks of their respective owners. This document contains confidential information, trade secrets or both, which are the property of Trend Micro. No part of this documentation may be reproduced in any form or by any means or used to make any derivative work (such as translation, transformation, or adaptation) without written permission from Trend Micro or one of its subsidiaries.

All other company and product names may be trademarks of their respective holders.

Install your fan module

Edition: August 2017, Rev A1