

## Promethean OPS-A1-4R32S-A

# Promethean OPS-A Android Computing Module User Manual

Model: OPS-A1-4R32S-A

## INTRODUCTION

This manual provides instructions for the setup, operation, and maintenance of the Promethean OPS-A Android computing module. The OPS-A is designed to integrate seamlessly with the ActivPanel LX, offering an optimized Android experience with pre-loaded applications and access to the Google Play Store.

## PACKAGE CONTENTS

Verify that all items are present in the package:

- OPS-A Module (x1)
- Antennas (x2)
- Installation Guide (x1)

## SETUP INSTRUCTIONS

The Promethean OPS-A module is designed for straightforward installation into a compatible ActivPanel LX.

1. **Prepare the ActivPanel LX:** Ensure your ActivPanel LX is powered off and unplugged from the main power source before proceeding with the installation.
2. **Locate the OPS Slot:** Identify the OPS (Open Pluggable Specification) slot on your ActivPanel LX. This is typically located on the side or rear of the panel.
3. **Insert the OPS-A Module:** Carefully slide the OPS-A module into the OPS slot until it is fully seated. Ensure the module is oriented correctly.
4. **Secure the Module:** If your ActivPanel LX has a locking mechanism for the OPS slot, engage it to secure the module.
5. **Attach Antennas:** Screw the two provided antennas onto the corresponding connectors on the rear of the OPS-A module. Position them vertically for optimal signal reception.



Figure 1: Rear view of the Promethean OPS-A module, showing USB ports, network port, and antenna connectors.

6. **Power On:** Plug the ActivPanel LX back into the power source and power it on. The ActivPanel LX should detect the OPS-A module automatically.
7. **Initial Configuration:** Follow the on-screen prompts on your ActivPanel LX to complete the initial setup of the Android operating system, including network connection and Google account login.

## OPERATING INSTRUCTIONS

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The OPS-A module runs on Android 14, providing a familiar and intuitive interface.

### Accessing the OPS-A

Once installed and powered on, you can switch to the OPS-A input source on your ActivPanel LX. This will display the Android desktop environment.

### Pre-loaded Applications

The OPS-A comes with several applications pre-installed for immediate use:

- **Google Workspace Apps:** Docs, Slides, Chrome, Drive.
- **Promethean Apps:** Annotate, Screen Capture, Screen Share, Spinner, Timer, Whiteboard.

### Google Play Store

The Google Play Store is preinstalled, allowing you to download and install additional applications to suit your specific requirements. Ensure you are connected to the internet and logged into a Google account to access the Play Store.

# OPS-A1 4GB

## Android



Figure 2: The OPS-A module integrated with an ActivPanel LX, demonstrating its use in a collaborative environment.

## MAINTENANCE

To ensure optimal performance and longevity of your Promethean OPS-A module, consider the following maintenance guidelines:

- **Software Updates:** Regularly check for and install system updates for Android 14 and updates for installed applications via the Google Play Store. This ensures security and access to the latest features.
- **Cleaning:** Keep the module's exterior clean and free of dust. Use a soft, dry cloth. Avoid liquid cleaners directly on the device.
- **Ventilation:** Ensure the ventilation slots on the module are not obstructed to prevent overheating.

## TROUBLESHOOTING

If you encounter issues with your OPS-A module, try the following steps:

- **No Power/No Display:**
  - Ensure the ActivPanel LX is powered on and the OPS-A module is correctly seated in its slot.
  - Verify that the ActivPanel LX input source is set to the OPS-A.
- **Network Connectivity Issues:**
  - Check that the antennas are securely attached.
  - Verify Wi-Fi settings in the Android system.
  - If using a wired connection, ensure the Ethernet cable is properly connected.
- **Application Malfunction:**
  - Try restarting the application.
  - Clear the application's cache or data through Android settings.
  - If the issue persists, uninstall and reinstall the application.
- **General Performance Issues:**
  - Restart the OPS-A module by powering off and on the ActivPanel LX.
  - Ensure there is sufficient free storage space.

For further assistance, refer to the Promethean support website or contact their customer service.

## SPECIFICATIONS

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| Feature                   | Detail  |
|---------------------------|---|
| Model Name                | OPS-A1-4R32S-A  |
| Operating System          | Android 14  |
| Processor                 | 5x86 (IBM)  |
| RAM Memory Installed Size | 8 GB  |
| Hard Drive (via USB)      | 80 USB Drive (Interface: USB, Rotational Speed: 7200 RPM) |
| Graphics Coprocessor      | Integrated Graphics                                       |
| Graphics Card RAM Size    | 1 GB  |
| USB 2.0 Ports             | 2   |
| USB 3.0 Ports             | 1   |
| Connectivity Technology   | HDMI  |
| Frequency Band Class      | Single-Band   |
| Item Weight               | 2.25 pounds   |
| Package Dimensions        | 10.39 x 8.46 x 2.13 inches                                |

## WARRANTY AND SUPPORT




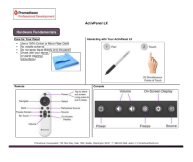

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For information regarding product warranty, please refer to the warranty documentation included with your purchase or visit the official Promethean website.

For technical support, product registration, or to access additional resources, please visit the Promethean support portal: [www.prometheanworld.com/support](http://www.prometheanworld.com/support).



Related Documents - OPS-A1-4R32S-A

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|---|---|
|    | <p><a href="#">Promethean OPS-A Quick Install Guide - TP-3272 OPS-A2</a></p> <p>Quick installation guide for the Promethean OPS-A module (model TP-3272 OPS-A2), providing essential steps and information for setup. Includes support links and compliance details.</p>  |
|   | <p><a href="#">Promethean ActivPanel Manual Height-Adjustable Stand and Wall Mount Specifications</a></p> <p>Detailed specifications, compatibility, and technical drawings for Promethean ActivPanel manual height-adjustable stands and wall mounts. Includes dimensions, weight, packed contents, warranty, and support information.</p>                               |
|  | <p><a href="#">Promethean ActivPanel LX User Guide</a></p> <p>Comprehensive user guide for the Promethean ActivPanel LX, covering setup, operation, controls, troubleshooting, and warranty information.</p>  |
|  | <p><a href="#">Promethean ActivPanel LX: Hardware, Connections, and Resources Guide</a></p> <p>Comprehensive guide to the Promethean ActivPanel LX interactive display, covering hardware fundamentals, panel care, connecting external devices via USB-C, HDMI, and USB touch, and accessing valuable learning resources from Promethean.</p>                            |
|  | <p><a href="#">Promethean ActivPanel 9 Wi-Fi and Bluetooth Module Quick Install Guide</a></p> <p>This guide provides instructions for installing the Promethean ActivPanel 9 Wi-Fi and Bluetooth Module (TP-3165, AP9-WIFIBT-AB). It includes installation steps, compliance information for various regions (USA, Canada, Europe, UK), and technical specifications.</p> |



### [Promethean ActivPanel 9 Wi-Fi and Bluetooth Module Quick Install Guide](#)

A quick installation guide for the Promethean ActivPanel 9 Wi-Fi and Bluetooth Module (TP-3165), covering component identification, installation steps, and regulatory compliance information for various regions.