

# Installation Guide

Wyse® X Class 2 and 4-GB RAM Upgrade Option Kit

Products: X90mw, X90m7

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# 1

## Introduction

This guide provides step-by-step instructions to upgrade the RAM in the following Wyse X class thin clients:

- X90mw
- X90m7

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### Kit Contents

The kit includes a *RAM module*.

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### Kit Warranty

The warranty on this kit assumes the remaining months of warranty of the mobile thin client in which it is installed, or for 90 days, whichever is greater. Installation of this kit will not void the factory warranty, however the user will be responsible for damage due to improper installation.

## Wyse Technical Support

To access Wyse technical resources, visit <http://www.wyse.com/support>. If you still have questions, you can submit your questions using the Wyse Self-Service Center at <http://support.wyse.com/selfservice.html> or call Customer Support at 1-800-800-WYSE (toll free in U.S. and Canada). Hours of operation are from 6:00 A.M. to 5:00 P.M. Pacific Time, Monday through Friday.

To access international support, visit <http://www.wyse.com/global>.

## Related Documentation and Services

Fact Sheets containing the features of hardware products are available on the Wyse Web site. Go to <http://www.wyse.com/products/hardware>, click the link for your hardware product, and then click the link for the Fact Sheet.

Administrator and other documentation for your cloud client model are available at: <http://www.wyse.com/manuals>.

## Wyse Online Community

Wyse maintains an online community where users of our products can seek and exchange information on user forums. Visit the Wyse Online Community forums at: <http://community.wyse.com/forum>.

# 2

## Installing X Class RAM

This chapter contains information for users of Wyse X class mobile thin clients who must install new RAM.

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### Requirements

- Small Phillips screwdriver

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**⚠ Warning**

RAM modules may be susceptible to damage by Electro-Static Discharge (ESD). All industry-standard cautions should be followed to avoid ESD. Before you remove or install a module, touch any metal part of the chassis and keep that contact with the chassis during the installation process.

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### Procedures

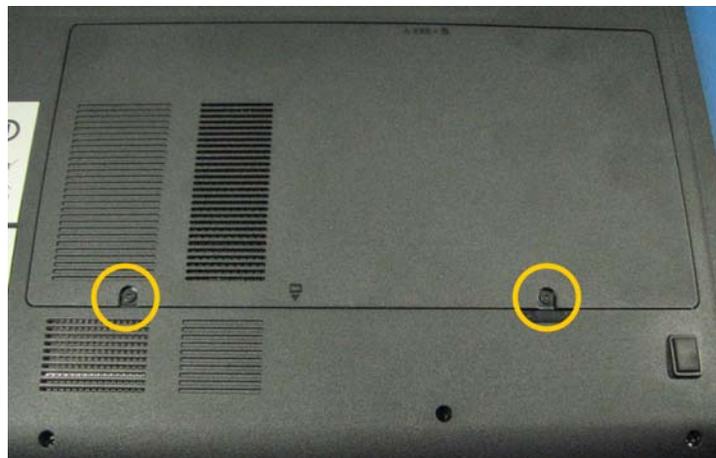
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**⚠ Caution**

Follow all precautions listed in the Quick-Start Guide that came with your mobile thin client for disconnecting and reconnecting the mobile thin client.

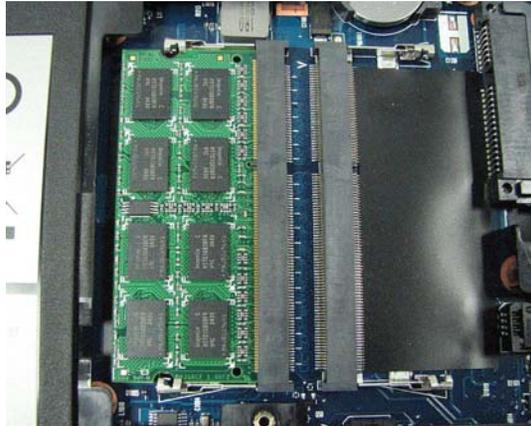
1. Perform a proper shutdown of the mobile thin client by closing all files and ending your session, and then pressing the power button to turn off the mobile thin client.
2. Unplug the power cord and power adapter, and then remove any other cables from the mobile thin client.
3. Position the mobile thin client to access the bottom cover, and then remove the screws from the cover using a small Phillips Screwdriver as shown in Figure 1.

**Figure 1 Removing the bottom cover screws**



4. Lift the bottom cover to remove it and expose the RAM module as shown in Figure 2.

**Figure 2** Inserting RAM module



**Warning**

RAM modules may be susceptible to damage by Electro-Static Discharge (ESD). All industry-standard cautions should be followed to avoid ESD. Before you remove or install a module, touch any metal part of the chassis and keep that contact with the chassis during the installation process.

5. Insert the new RAM module into the empty RAM module connector.  
**NOTE:** If you are replacing the original RAM module, be sure to unlock the two locking clamps at either side of the original module, remove the original module, and replace the original module with a new RAM module.



**Caution**

If you are using two RAM modules, both modules must match in size.

6. Carefully press down on the RAM module until the locking clamps lock it into place.
7. Replace the bottom cover in the reverse order as described in steps 4 and 3.
8. Connect the power cord and power adapter, and any other cables to the mobile thin client in the reverse order as described in step 2, and then press the power button to turn on the mobile thin client.
9. After the mobile thin client reboots, you can verify that your general client information (for example, the *Client Information* or *System Information* dialog box information) is correct. After verification, the mobile thin client is ready for operation and setup by an administrator.



**Tip**

Administrator and other documentation for your mobile thin client model are available at: <http://www.wyse.com/manuals>.

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