



Troubleshooting Guide

HP t520 Flexible Thin Client

© Copyright 2014 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice.

Microsoft and Windows are U.S. registered trademarks of the Microsoft group of companies.

The only warranties for HP 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. HP shall not be liable for technical or editorial errors or omissions contained herein.

This document contains proprietary information that is protected by copyright. No part of this document may be photocopied, reproduced, or translated to another language without the prior written consent of Hewlett-Packard Company.

First Edition (June 2014)

Document Part Number: 759672-001

Product notice

This guide describes features that are common to most models. Some features may not be available on your computer.

About This Book

 **WARNING!** Text set off in this manner indicates that failure to follow directions could result in bodily harm or loss of life.

 **CAUTION:** Text set off in this manner indicates that failure to follow directions could result in damage to equipment or loss of information.

 **NOTE:** Text set off in this manner provides important supplemental information.

Table of contents

1 Product features	1
Standard features	1
Front panel components	2
Rear panel components	3
Serial number location	4
2 Hardware changes	5
Warnings and cautions	5
Connecting the power cord	6
Attaching the stand	7
Adjusting the stand	7
Installing the stand	7
Removing and replacing the access panel	9
Removing the access panel	9
Replacing the access panel	10
Replacing the memory module	10
SODIMM	10
DDR3-SDRAM SODIMM	10
Populating the SODIMM socket	11
Installing SODIMM	11
Appendix A Removing and replacing the battery	14
Appendix B Computer Setup (F10) Utility, BIOS Settings	16
Computer Setup (F10) Utilities	16
Using Computer Setup (F10) Utilities	16
Computer Setup—File	18
Computer Setup—Storage	19
Computer Setup—Security	20
Computer Setup—Power	21
Computer Setup—Advanced	22
Changing BIOS Settings from the HP BIOS Configure Utility (HPBCU)	23
Appendix C Diagnostics and Troubleshooting	25
LEDs	25
Wake-on LAN	26

Power-On Sequence	26
Resetting the Setup and power-on Passwords	27
Power-On Diagnostic Tests	27
Interpreting POST Diagnostic Front Panel LEDs and Audible Codes	28
POST Numeric Codes and Text Messages	30
Troubleshooting	32
Basic Troubleshooting	32
Diskless (No-Flash) Unit Troubleshooting	33
Configuring a PXE Server	34
Appendix D Restoring the Flash Image	35
System Requirements	35
Getting Started	35
Formatting a USB Flash Drive	35
Unpacking the Image and Tools for Deployment	36
Deploying with PXE	36
Appendix E Device management	37
Appendix F Adding an Image Restore Tool	38
Appendix G System BIOS	39
Updating or restoring a BIOS	39
Appendix H Power cord set requirements	40
General requirements	40
Japanese power cord requirements	40
Country-specific requirements	41
Appendix I Statement of Volatility	42
Appendix J Specifications	44
Index	45

1 Product features

Standard features



Thank you for purchasing an HP thin client. We hope you have years of use from our thin clients. Our goal is to provide you with award-winning clients that are easy to deploy and manage with the power and reliability you expect.

The next sections describe the features of the thin client. For a complete list of the hardware and software installed on a specific model, visit <http://www.hp.com> and search for your specific thin client model.

The following features are common to all HP thin clients:

- no hard drives or diskette drives
- 5 minutes or less hardware setup time
- central deployment and management using HP management solutions

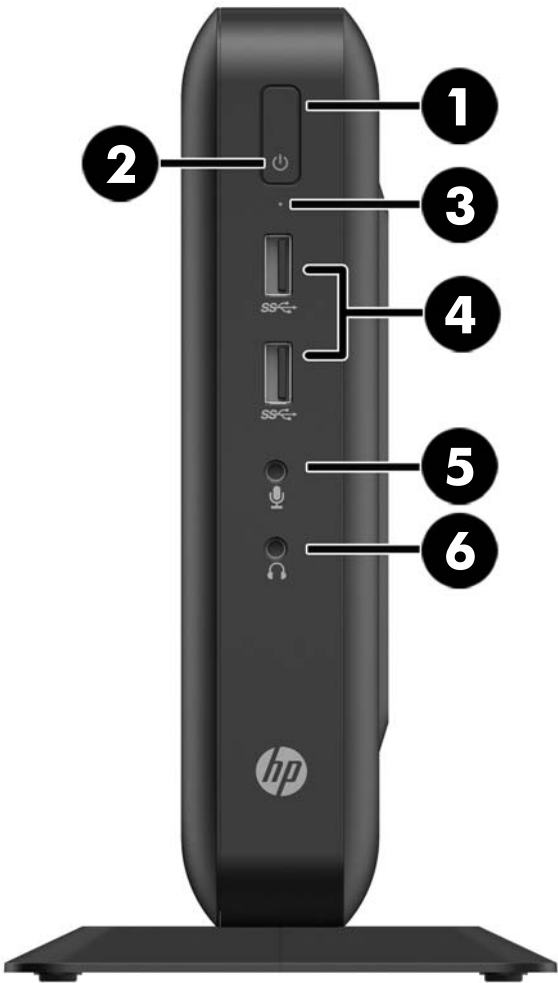
Various options are available for your thin client. For more information about available options, visit the HP website at <http://www.hp.com> and search for your specific thin client model.



NOTE: Your thin client model may look different than the model in the following illustrations.

Front panel components

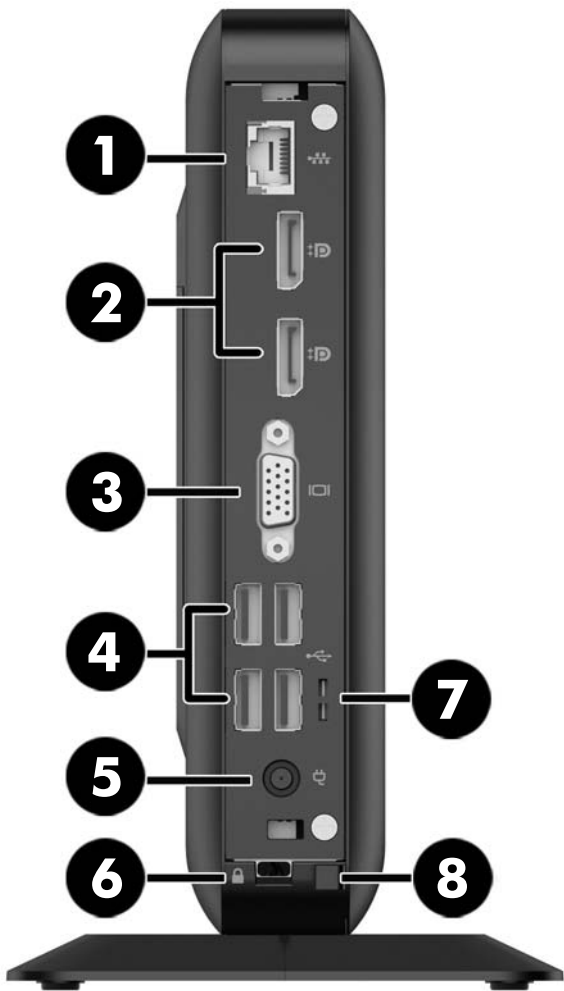
For more information, go to <http://www.hp.com> and search for your specific thin client model to find the model-specific QuickSpecs.



(1)	Power button	(4)	USB 3.0 ports (2)
(2)	Power LED	(5)	Microphone port
(3)	Drive activity LED	(6)	Headphone port

Rear panel components

For more information, go to <http://www.hp.com> and search for your specific thin client model to find the model-specific QuickSpecs.



(1)	Ethernet RJ-45 port	(5)	External power adapter input
(2)	Dual-mode DisplayPort 1.2 ports (2)	(6)	Cable lock slot
(3)	VGA port	(7)	HP USB Legacy Port Module retention slot
(4)	USB 2.0 ports (4)	(8)	Power cord retention hook

The devices connected at boot up or subsequently disconnected determine which video ports are enabled and which is disabled.

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：<https://d.book118.com/776052113243010210>