

August 2000  
131D-0800A-WWEN  
Prepared by:  
Storage Division  
Compaq Computer Corporation

**Contents**

**Overview..... 3**  
**What is Compaq Smart Array  
5300 Controller Support  
Software? ..... 3**  
    General Description of Smart  
    Array 5300 Controller  
    Support Software ..... 3  
    Functionality at a Glance..... 4  
    Easy to Use Interface..... 5  
**Additional Information ..... 5**  
**Questions and Answers..... 6**

# Smart Array 5300 Controller Support Software, Version 4.81



Compaq Computer Corporation introduces Compaq Smart Array 5300 Controller Support Software, Version 4.81. Compaq Smart Array 5300 Controller Support Software is an intelligent integration tool that simplifies the process of installing and configuring the Smart Array 5300 Controller.

This tool provides the necessary device drivers, storage utilities, and configuration utilities for the Smart Array 5300 Controller that can be used for driver installation both during and after operating system (OS) installation.

## Notice

The information in this publication is subject to change without notice and is provided "AS IS" WITHOUT WARRANTY OF ANY KIND. THE ENTIRE RISK ARISING OUT OF THE USE OF THIS INFORMATION REMAINS WITH RECIPIENT. IN NO EVENT SHALL COMPAQ BE LIABLE FOR ANY DIRECT, CONSEQUENTIAL, INCIDENTAL, SPECIAL, PUNITIVE, OR OTHER DAMAGES WHATSOEVER (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, OR LOSS OF BUSINESS INFORMATION), EVEN IF COMPAQ HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

The limited warranties for Compaq products are exclusively set forth in the documentation accompanying such products. Nothing herein should be construed as constituting a further or additional warranty.

This publication does not constitute an endorsement of the product or products that were tested. The configuration or configurations tested or described may or may not be the only available solution. This test is not a determination of product quality or correctness, nor does it ensure compliance with any federal, state or local requirements.

Compaq, Compaq Insight Manager, Deskpro, FASTART, NetFlex, NonStop, PaqFax, Proliant, Prosignia, QuickFind, Qvision, RomPaq, SmartStart, and Systempro/LT are registered with the United States Patent and Trademark Office.

ActiveAnswers is a trademark and/or service mark of Compaq Information Technologies Group, L.P.

Microsoft, Windows and Windows NT are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

Intel, Pentium and Pentium® III Xeon are trademarks and/or registered trademarks of Intel Corporation.

Other product names mentioned herein may be trademarks and/or registered trademarks of their respective companies.

©2000 Compaq Computer Corporation. All rights reserved. Printed in the U.S.A.

Smart Array 5300 Controller Support Software, Version 4.81  
Technology Brief prepared by Storage Division

First Edition (August 2000)  
Document Number 131D-0800A-WWEN

## Overview

Compaq developed Smart Array 5300 Controller Support Software to assist customers in successfully setting up the Smart Array 5300 Controller. Smart Array 5300 Controller Support Software provides intelligent configuration and software installation, ensuring streamlined, reliable setup of the Compaq Smart Array 5300 Controller.

Smart Array 5300 Controller Support Software diskettes eliminate the requirement to create “have-disks” to install device drivers, thereby simplifying the set-up process. The software is product specific, thereby reducing the training and technical expertise necessary to install the Compaq Smart Array 5300 Controller.

## What is Compaq Smart Array 5300 Controller Support Software?

Compaq Smart Array 5300 Controller Support Software, Version 4.81 is a specific setup and installation tool for the Compaq Smart Array 5300 Controller. This tool provides the necessary device drivers, and storage and configuration utilities for the Smart Array 5300 Controller that can be used for driver both during and after the operating system (OS) installation. Smart Array 5300 Controller Support Software includes drivers for leading server operating systems. For the most recent list of supported operating systems, visit [www.compaq.com/smartarray](http://www.compaq.com/smartarray).

The Smart Array 5300 Controller Support Software kit is shipped standard with every Smart Array 5300 Controller, and it is part of the standard set of tools and documentation provided. The Smart Array 5300 Controller Support Software kit can be found in the Smart Array 5300 Controller documentation set.

## General Description of Smart Array 5300 Controller Support Software

When the Smart Array 5300 Controller Support Software is loaded on your system, the option to install device drivers for the Smart Array 5300 Controller is available, as well as optionally executing configuration utilities. The Smart Array 5300 Controller Support Software CD can be booted to execute the offline Array Configuration Utility (ACU), the Array Diagnostics Utility (ADU), and the System Configuration Utility (SCU). In addition, the online ACU can be installed from the Smart Array 5300 Controller Support Software CD.

### Kit Contents

The Smart Array 5300 Controller Support Software 4.81 kit contents are itemized in Table 1.

**Table 1. Smart Array 5300 Controller Support Software kit contents**

Item	Description	Part Number
Smart Array 5300 Controller Support Software CD	Contains device drivers, installers, ACU, ADU, and SCU used to install and configure the Smart Array 5300 Controller.	197606-001
Smart Array 5300 Controller Support Software Diskette 1	Contains device drivers for Windows 2000, Windows NT 4.0, and Novell NetWare 4.2 and 5.x.	195754-001

*continued*

**Table 1. Smart Array 5300 Controller Support Software kit contents** *(continued)*

Item	Description	Part Number
Smart Array 5300 Controller Support Software Diskette 2	Contains device drivers for SCO UnixWare 7.1.x	195755-001
Smart Array 5300 Controller Support Software Diskette 3	Contains device drivers for SCO OpenServer 5.0.4, 5.0.5	195756-001
Smart Array 5300 Controller Support Software Installation Instruction Booklet	Contains detailed device driver installation instructions for Windows 2000, Windows NT 4.0, Novell NetWare 4.2 and 5.x, SCO UnixWare 7.1.x, and SCO OpenServer 5.0.x.	190358-021

## Functionality at a Glance

- Installers and Device Drivers for the Smart Array 5300 Controller** – Device drivers are included on the Smart Array 5300 Controller Support Software for the following operating systems: Microsoft Windows 2000 and Windows NT 4.0, Novell NetWare 4.2 and 5.x, SCO UnixWare 7.1.x, and SCO OpenServer 5.0.4 and 5.0.5.
  - Smart Array 5300 Controller Support Software diskettes eliminate the requirement to create “have-disks” to install device drivers, thereby simplifying the set-up process.
- Compaq Array Configuration Utility (ACU)** – The Compaq Array Configuration Utility is a GUI-based application that helps configure the Compaq Smart Array 5300 Controller. The Array Configuration Utility can be used for several tasks from configuring the array controller initially, to adding additional capacity, or reconfiguring arrays.
- Compaq System Configuration Utility (SCU)** – Compaq System Configuration Utility is provided on the Smart Array 5300 Controller Support Software CD to set the Smart Array 5300 Controller as the boot controller and can also be used to create, populate, or update a system partition.
- Compaq Array Diagnostic Utility (ADU)** – The Compaq Array Diagnostic Utility is a Windows based tool designed to run on all Compaq systems that support the Smart Array 5300 Controller. The two main functions of Compaq ADU are to collect all possible information about the array controllers in the system and generate a list of detected problems. This data can then be saved to a file for analysis. In many cases, ADU will provide enough information to initiate problem resolution immediately.

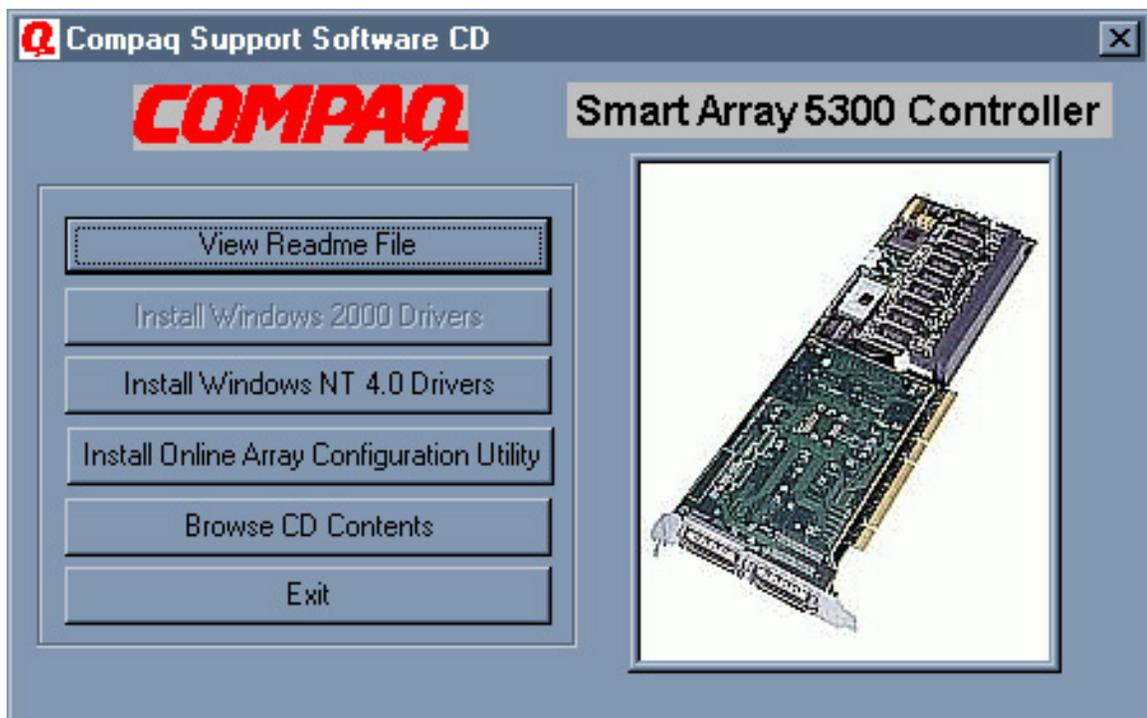
## Easy to Use Interface

Smart Array 5300 Controller Support Software has an industry standard look and feel. When the Smart Array 5300 Controller Support Software CD runs in a Windows based system, an easy to navigate interface is displayed. Figure 1 illustrates the selection menu that is displayed when the Smart Array 5300 Controller Support Software loads.

---

**Note:** Non-Windows based operating systems do not support a selection menu screen.

---



**Figure 1:** Smart Array 5300 Controller Support Software menu screen activated in a Microsoft Windows NT 4.0 environment

## Additional Information

To obtain information regarding other supported operating systems and for additional information on the Compaq Smart Array 5300 Controller, please visit [www.compaq.com](http://www.compaq.com). If you are setting up your servers for the first time, you will need to obtain the SmartStart and Support Software kit that accompanied your server. If you no longer have access to the SmartStart software, you can download updates from [www.compaq.com/smartstart](http://www.compaq.com/smartstart) or subscribe to the SmartStart subscription service also available from the Compaq website.

---

**Note:** Compaq SmartStart with a higher revision number than your Compaq Smart Array 5300 Controller Support Software may contain an updated version of Compaq Smart Array 5300 Controller software.

---

## Questions and Answers

**Q Where do I obtain software to install the Smart Array 5300 Controller?**

A Smart Array 5300 Controller Support Software is shipped standard with the Smart Array 5300 Controller. The most recent versions of the software can also be downloaded from the Compaq website or obtained from Compaq SmartStart and Support Software version 4.90 or later.

**Q What is included in the Smart Array 5300 Controller Support Software kit?**

A Smart Array 5300 Controller Support Software provides device drivers and storage utilities for the Smart Array 5300 Controller. The Array Configuration Utility (ACU), Array Diagnostic Utility (ADU) and System Configuration Utility (SCU) are provided on the Smart Array 5300 Controller Support Software kit.

**Q I have a Compaq SmartStart and Support Software kit, Version 4.80 and a Smart Array 5300 Controller Support Software kit, Version 4.81. Which should I use to configure the Smart Array 5300 Controller?**

A SmartStart version 4.80 and earlier does not support the Smart Array 5300 Controller. The latest versions of Compaq software are always available on the Compaq website. Be sure to use the software with the latest revision number. For instance, a Compaq SmartStart, Version 4.90 is more current than the Smart Array 5300 Controller Support Software, Version 4.81.

**Q I usually receive a SmartStart and Support Software kit with Compaq controller purchases, why didn't I receive one with my Smart Array 5300 Controller?**

A The Smart Array 5300 Controller Support Software kit was designed specifically for your Smart Array 5300 Controller. It contains specific device drivers, installers, and configuration utilities specific to the Smart Array 5300 Controller.

**Q I have installed and configured my Smart Array 5300 Controller. How do I make changes to my Compaq server configuration?**

A As in the past, Compaq servers are still set up with the Compaq SmartStart kit. Use the SmartStart software that accompanied your Compaq server or obtain the latest SmartStart from [www.compaq.com/smartstart](http://www.compaq.com/smartstart).

**Q I am upgrading from a Compaq Smart Array 4200 to the Smart Array 5300 Controller. Are there any additional software requirements?**

A Compaq Smart Array 5300 Controller Support Software can be used to migrate from other Compaq controllers. For specific upgrade information, refer to Appendix F of the Compaq Smart Array 5300 Controller User Guide.