Honeywell SSD-D08G-4300-51403645-400

SBHM Drive Assembly

Honeywell SSD-D08G-4300-51403645-400 is an SBHM drive assembly that combines carrier hardware marked 51403645-400 with an 8 GB SiliconDrive II PATA solid-state drive identified as SSD-D08G-4300.

01	02	03	04
8 GB solid-state storage	Parallel ATA interface	SiliconDrive II device family	Carrier marked 51403645-400

System position

SBHM host	Carrier connector and PCB	PATA drive interface	8 GB solid-state media

Verified technical matrix

Assembly type	SBHM drive assembly
Assembly number	51403645-400
Installed drive model	SSD-D08G-4300
Drive family	SiliconDrive II
Storage medium	Solid-state drive
Capacity	8 GB

Interface	PATA
Host connection	44-pin IDE/PATA
Device selection	Master or Slave
Capacity code	08G
Series code	4300
Assembly construction	Drive mounted on a carrier PCB with retention hardware

02 / INTEGRATION AND SERVICE

Applications, interfaces and controlled handling

Application contexts

SBHM storage replacement

Restores the removable solid-state storage assembly in an installed SBHM configuration.

History-node maintenance

Supports controlled service of the storage element used by the Single Board History Module.

Data-preserving replacement

Allows engineers to plan backup, identity matching, and restore checks before exchanging the assembly.

Legacy spare verification

Provides a physical part-number, capacity, interface, and jumper baseline for an exact spare comparison.

Interface architecture

Host connector

44-pin IDE/PATA connection between the SBHM host and the drive assembly

Device selection

Master or Slave position identified on the drive label

Carrier board

PCB path between the host connector and the installed solid-state drive

Retention

Metal carrier rails and fasteners retain the drive and board as one assembly

Release precautions

1

Match both SSD-D08G-4300 and 51403645-400 before removing or installing the assembly.

2

Back up required history data and record the installed device state before isolating the host.

3

De-energize the host and use electrostatic-discharge protection when handling the exposed carrier PCB.

4

Record and restore the Master or Slave selection shown for the installed drive position.

5

Align the 44-pin PATA connector before insertion and stop if any contact is bent or displaced.

6

Keep the metal carrier, fasteners, and PCB orientation unchanged during replacement.

7

Do not substitute a different capacity, interface, or 4300-series suffix without an approved system review.

8

After installation, verify device recognition, stored-data access, and the host's normal history function before release.

03 / ENGINEERING DECISIONS AND SUPPORT

FAQ, evidence and related portfolio

Engineering question	Controlled answer
Which identifiers must match when replacing Honeywell SSD-D08G-4300-51403645-400?	The drive label must show SSD-D08G-4300 and the carrier PCB must show assembly number 51403645-400.
What capacity is installed in Honeywell SSD-D08G-4300-51403645-400?	The SiliconDrive II label identifies an 8 GB solid-state drive.
Which storage interface does Honeywell SSD-D08G-4300-51403645-400 use?	The installed drive uses a Parallel ATA interface.
How is device selection set on Honeywell SSD-D08G-4300-51403645-400?	The drive label provides Master and Slave selection positions that must match the installed host arrangement.
Why must the 51403645-400 number be checked on Honeywell SSD-D08G-4300-51403645-400?	It identifies the carrier as the intended SBHM disk-drive assembly rather than only identifying the removable storage device.
What should be preserved before Honeywell SSD-D08G-4300-51403645-400 is removed?	Preserve required data and record the host position, connector orientation, jumper selection, and as-found operating state.
Which connector inspection applies to Honeywell SSD-D08G-4300-51403645-400?	Inspect the 44-pin IDE/PATA connection for alignment, bent contacts, contamination, and full seating before power is restored.
How should Honeywell SSD-D08G-4300-51403645-400 be accepted after installation?	Confirm device recognition, expected 8 GB identity, stored-data access, and normal host history operation before return to service.

Evidence record	Applied scope
Exact-unit front and rear nameplate photographs	Supports only the exact-unit or explicitly applicable family facts used in this document.
SiliconDrive II SSD-Dxxx(I)-4300 data sheet 4300D-00DSR	Supports only the exact-unit or explicitly applicable family facts used in this document.
Honeywell System HINTS SBHM family record	Supports only the exact-unit or explicitly applicable family facts used in this document.

Acceptance evidence and Apter Power support

Field verification record

As-found record	Host position, connector orientation, device selection, and initial condition captured
Installed identity	SSD-D08G-4300 and 51403645-400 checked on the physical assembly

Related Apter Power references

Related Apter Power references	Scope note
Honeywell 51306975-175	Portfolio reference only; verify compatibility independently.
Honeywell CC-PAIX01 51405038-275	Portfolio reference only; verify compatibility independently.
Honeywell CC-PAOX01 51405039-275	Portfolio reference only; verify compatibility independently.
Honeywell CC-TAIN01 51306513-175	Portfolio reference only; verify compatibility independently.
Honeywell FS-TSFIRE-1624	Portfolio reference only; verify compatibility independently.
Honeywell TA3840C	Portfolio reference only; verify compatibility independently.
Honeywell 8C-PAOHA1 51454469-275	Portfolio reference only; verify compatibility independently.
Honeywell CC-PAIH02 51405038-375	Portfolio reference only; verify compatibility independently.

	Apter Power technical support sales13@apterpower.com +86 180 3023 5313 www.apterpower.com	Model record Honeywell SSD-D08G-4300-51403645-400 SBHM Drive Assembly Verify the complete nameplate before installation.