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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP E840xA Fan Assembly

Agilent E840xA Fan Assembly for E8400-Series VXI Mainframes The E840xA fan assembly is the cooling module for Agilent E8401A/E8403A/E8404A/E8408A-class C-size VXI mainframes. This listing is the fan tray/assembly spare, not a VXI mainframe. Adequate airflow is required for C-size modules in E840x cages. The E840xA fan assembly is the cooling module for Agilent E8401A/E8403A/E8404A/E8408A-class C-size VXI mainframes. This listing is the fan tray/assembly spare, not a VXI mainframe. Adequate airflow is required for C-size modules in E840x cages.

**MODEL****Keysight / Agilent /
HP E840xA****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****E840xA****LISTING**[https://aumictechlabs.c
om/products/e840xa-
2/](https://aumictechlabs.com/products/e840xa-2/)

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SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight/Agilent/HP E840xA Fan Assembly is a thermal management component engineered to maintain optimal operating temperatures within E8400 Series VXI mainframes. The assembly integrates an impeller module fan and power supply fan(s) into a coordinated cooling system, with operation controlled via a two-position front panel switch supporting both Variable Speed Mode and Full Speed Mode. Technical Specifications The fan assembly operates in two distinct modes. Variable Speed Mode adjusts fan velocity based on internal and ambient mainframe temperatures, enabling quieter operation while delivering adequate cooling for installed modules. Full Speed Mode runs all air movers - including the cardcage impeller and power supply fan(s) - at maximum

capacity, recommended when acoustic noise is not a limiting factor. Diagnostic and monitoring capabilities vary by mainframe model. The E8401A and E8403A provide basic monitoring indicating normal operating conditions via a front panel diagnostics connector. The E8404A model features enhanced monitoring accessible through a full-color display or via VXIbus and RS-232 connection, reporting temperatures, power supply voltages and currents, fan operation status, and system diagnostics. Key Features Dual-mode fan control: Variable Speed and Full Speed operation Integrated air distribution system for efficient thermal management Impeller and power supply fan components Front panel diagnostics connector for local or remote system monitoring Flashing Fan indicator alerts on impeller or power supply fan failure Customer self-repair limited to specific assemblies; power supply fans require full power supply assembly replacement Component replacement should be performed by trained service personnel at static-controlled workstations Compatibility & Integration The E840xA Fan Assembly integrates with Keysight/Agilent/HP E8400 Series VXI mainframes: E8401A, E8403A, and E8404A. These are C-size, 13-slot VXI units. The fan assembly functions as an integral subsystem within the mainframe's thermal management architecture, supporting proper operating temperature maintenance across all installed modules.

Features & description

From manufacturer datasheet

Features

- Fits E840xA C-size VXI mainframe family

Applications

- E8401A/E8403A/E8404A/E8408A fan replacement

E840XA Characteristics / Specifications

PARAMETER	VALUE
Model	E840xA
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	VXI Mainframe Fan Assembly
Alias	E840xA; E8401A/E8403A/E8404A/E8408A fan
Parent Mainframes	E8401A E8403A E8404A E8408A C-size VXI
Function	forced-air cooling tray
Form	fan assembly / tray
NotA Mainframe	cooling spare only
Related Backplane	E1401 66521 13-slot C-size backplane
Related PSU	0950 2283 / 0950 3704 E1401B high-power supplies
Slot Parent	13-slot C-size class E840x/E1401
Airflow	front-to-rear or specified E840x path
Power	mainframe fan supply
Status	Agilent VXI mainframe spare
Installation	match E840x model fan connector
Noise	mainframe fans; replace failed rotors
Documentation	E8400 series service/fan
Compatibility	E840xA family (confirm connector)
Use	restore module cooling
Safety	disconnect mains; spinning blades
Not E1406A	not a command module
Host	E840x VXI chassis
Monitoring	some E840x frames monitor fan fail
Replacement	complete assembly preferred over single fan if tray-based Notes Fan-assembly identity for Agilent E840xA VXI mainframes. Confirm E8401 vs E8403/E8404/E8408 fan connector. Do not invent CFM.

E840XA Specifications

PARAMETER	VALUE
Applications	- E8401A/E8403A/E8404A/E8408A fan replacement
Key Features	- Fits E840xA C-size VXI mainframe family
Technical Specifications	Model: E840xA
Notes	Fan-assembly identity for Agilent E840xA VXI mainframes. Confirm E8401 vs E8403/E8404/E8408 fan connector. Do not invent CFM.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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PARAMETER	VALUE
Model	E840xA
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	VXI Mainframe Fan Assembly
Specifications	
PARAMETER	VALUE
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Specifications	
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Form	fan assembly / tray
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Specifications	
PARAMETER	VALUE
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Airflow	front-to-rear or specified E840x path
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Power	mainframe fan supply
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Noise	mainframe fans; replace failed rotors
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Notes

Fan-assembly identity for Agilent E840xA VXI mainframes. Confirm E8401 vs E8403/E8404/E8408 fan connector. Do not invent CFM.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.