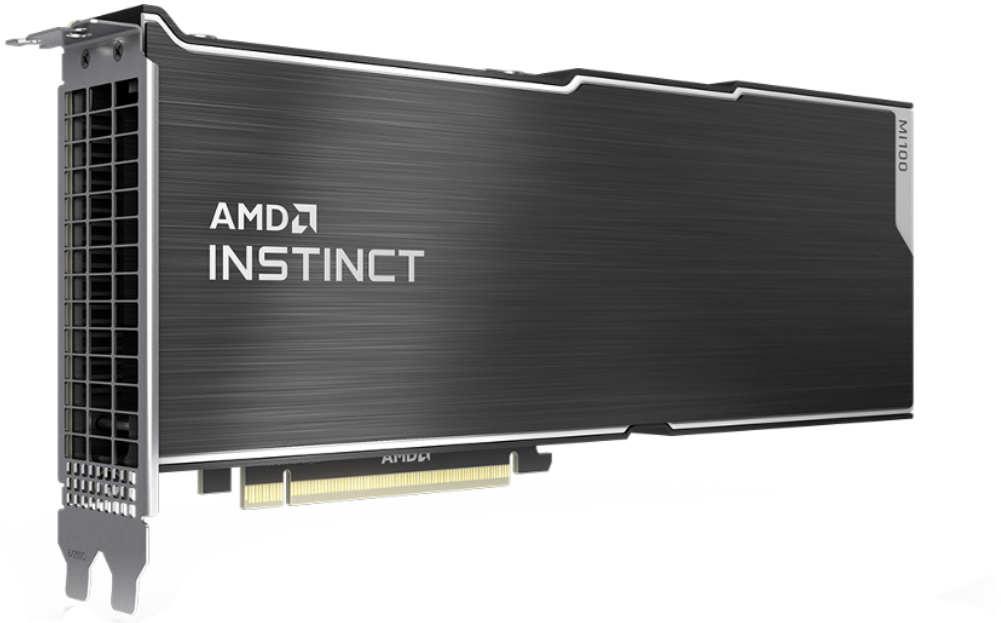
AMD Accelerators

AMD Instinct MI350P 144GB PCIe Accelerator for HPE (S8A40C)



What's new

- AMD Instinct MI350P 144 GB PCIe® card, purpose built for Enterprise AI.

Overview

HPE supports select AMD Accelerators for HPE ProLiant Compute servers. AMD Instinct™ PCIe® cards enable the AI performance you need to deploy and scale generative and agentic AI within your existing infrastructure with exceptional performance, leadership costs, and simplified deployment.

Features

AI Inference at Scale

Run very large models on fewer GPUs, enabling high-throughput, low-latency inference for enterprise applications while reducing infrastructure footprint.

Conversational AI & Copilots

It provides power enterprise chatbots, virtual agents, and copilots with sufficient memory and bandwidth to support multi-turn, context-rich interactions.

Content Generation & Knowledge Work

Accelerate document processing, summarization, and code or content generation across large enterprise data sets and internal knowledge bases.

Efficient Multi-Tenant AI Environments

It supports multiple workloads on a single GPU with partitioning capabilities, enabling better utilization and cost efficiency in shared environments.

Technical specifications	AMD Instinct MI350P 144GB PCIe Accelerator for HPE
Product Number	S8A40C
System	HPE ProLiant Compute servers
Architecture features	CDNA4
Memory size per board	144 GB
Memory bandwidth for board	4 TB/s
Number of accelerators per card	1
Warranty	For details on HPE qualified options limited warranty visit: 3-year parts, 0-year labor, and 0-year on-site support coverage. For more warranty information refer to https://support.hpe.com/hpesc/public/docDisplay?docId=sd00004309en_us
Shipping weight	0.44 kg
Shipping dimensions	21.49 x 24.7 x 6.19 cm
Platform supported	HPE ProLiant ML and DL Gen12 HPE ProLiant ML and DL Gen11 HPE Mainstream Compute Platforms
Processor core available	512 matrix cores

HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Advisory & Professional services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Support services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

— **HPE Complete Care Service:** a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.

— **HPE Tech Care Service:** the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

— **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

GreenLake

GreenLake is the cloud to run and manage your entire hybrid landscape—private, public, and edge. It helps you to:

— Streamline IT Operations across compute, storage, and networking without the chaos

— Unify and secure data, as you move faster

— Accelerate AI, from pilot to production

The result: greater operational efficiency, lower TCO, and faster AI delivery—all from one unified, intelligent platform built for today's hybrid enterprise.

For additional technical information, available models and options, please reference the QuickSpecs

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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