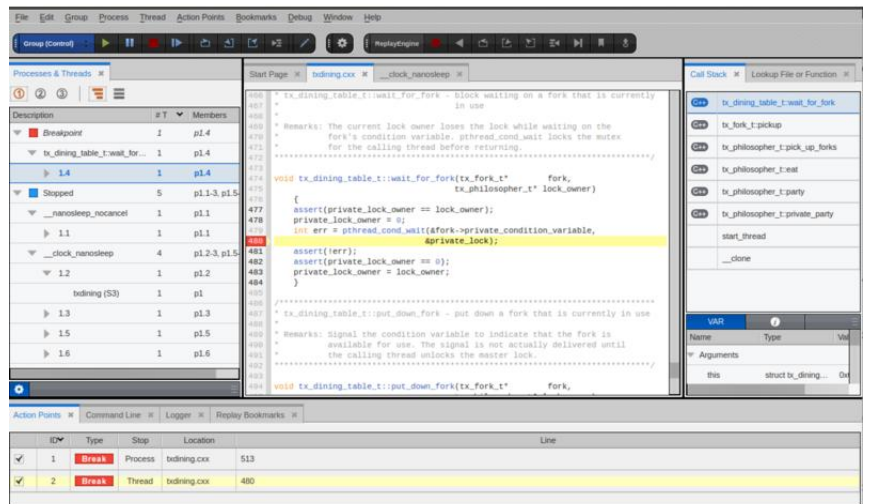


# TOTALVIEW BY PERFORCE

## Third Party Software



## OVERVIEW

Are you looking for a suite of tools, development platforms, and components to help your team produce better code?

TotalView™ by Perforce software development solution simplifies all aspects of the high performance computing (HPC) development lifecycle and reduces overall release times. The solution addresses the growing complexity of building great software and accelerates the value gained from code across the enterprise. It assists developers to quickly build applications for strategic software initiatives. With TotalView by Perforce, customers improve software quality and code integrity, while shortening development cycle times.

## FEATURES

### TotalView for HPC

TotalView by Perforce delivers a scalable debugger for parallel applications written in C, C++, and Fortran that simplifies the development, debugging, and optimization of applications.

Debugs many processes and threads in a single window, while giving developers complete control over program execution. It allows running, stepping, and halting line-by-line within a single thread or within groups of processes or threads.

ReplayEngine, included with the TotalView software, records and saves execution making it possible to work back from a failure, error, or crash to find the origin without repetitive restarts and stops.

Find race conditions, memory leaks, and memory overruns, allowing troubleshooting of difficult problems that can occur in concurrent programs which take advantage of threads, OpenMP, MPI, GPUs, or co-processors.



For additional technical information, available models and options, please reference the [QuickSpecs](#)

## HPE POINTNEXT SERVICES

[HPE Pointnext Services](#) brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

### Operational Services from HPE Pointnext Services

[HPE Pointnext Tech Care](#) provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

[HPE Pointnext Complete Care](#) is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment, and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts.

**HPE Integration and Performance Services** help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

### Other related services

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

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

## HPE GREENLAKE

[HPE Greenlake](#) is HPE's market-leading IT as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model. HPE GreenLake delivers public cloud services and infrastructure for workloads on premises, fully managed in a pay per use model.

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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.

Image may differ from the actual product  
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