

hp OpenView glanceplus and glanceplus pak product brief

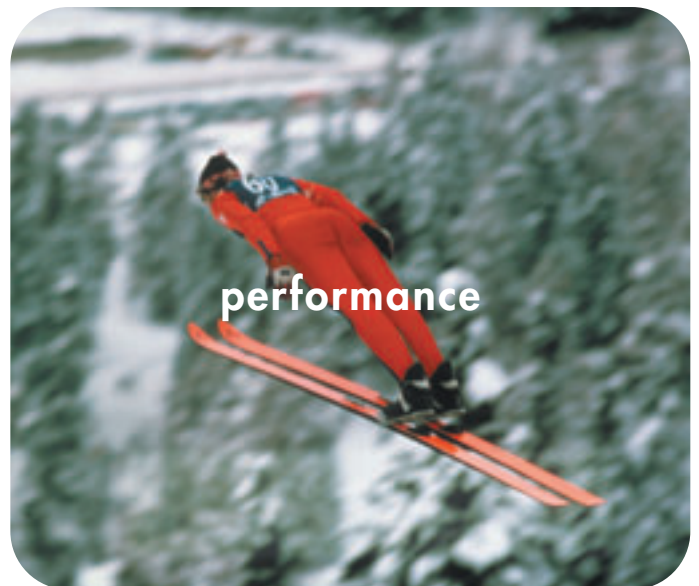


hp OpenView glanceplus

GlancePlus is a powerful system performance monitoring and diagnostic tool. Easy to learn and use, GlancePlus provides immediate performance information about your system. It lets you easily examine system activities, identify and resolve performance bottlenecks, and tune your system for more efficient operation. With GlancePlus, your users are more productive and your business applications run more smoothly.

hp OpenView glanceplus pak

The GlancePlus Pak combines the real-time diagnostic and monitoring capabilities of GlancePlus with the historical data collection and analysis of the HP OpenView Performance Agent. This combination provides an ideal solution to manage the availability and performance of a single system, while retaining valuable historical information for use with enterprise management products such as HP OpenView Performance Manager and HP OpenView Operations. With the GlancePlus Pak, you can handle a wide range of system performance and availability problems resulting in more efficient use of your resources.



hp OpenView performance agent

The OpenView Performance Agent collects and maintains a comprehensive history of your system's performance and sends alarms of impending performance problems. Using HP OpenView Performance Agent, you can pinpoint trends in system activities. This allows you to balance workloads and accurately plan for future system growth. HP OpenView Performance Agent gives you the data you need to effectively analyze, understand and make informed decisions about your computing environment.

(For more detailed performance information, see the HP OpenView Performance Manager, Performance Monitor and Performance Agent product brief.)

hp OpenView solutions

HP OpenView solutions target specific IT management challenges to solve today's pressing problems. Delivering swift results incrementally, the multiple solutions are the building blocks to a complete IT management solution. The nimble HP OpenView approach meets emerging business needs with short-term success driven by longer-term business objectives.

GlancePlus software allows you to identify and solve performance problems quickly. If you suspect a problem, you can examine how different software programs and users are using system resources. You can view detailed information on individual processes, including CPU and memory use and time spent waiting for different system resources. You can group users and processes into applications, and use these groupings to efficiently determine their impact on system resources. With this information, you can quickly get a picture of how your system's major resources are being used and who is using them.

On-screen alarms notify you of developing problems when customizable system performance thresholds are exceeded. This allows you to address problems before they impact users and business processes. In addition, GlancePlus' rules-based adviser uses its customizable system performance rules to help you quickly identify system performance problems and bottlenecks.

GlancePlus provides information that enables you to identify and resolve problems quickly, and to choose alternative system and kernel configurations or processing priorities. GlancePlus' Motif-based interface is easy to learn and use. In addition, the help facility gives you a quick start in using the product and interpreting performance data without having to search through volumes of manuals. GlancePlus' extensive configurability allows you to tailor your solution to best suit your needs and work style. You can set filters based on thresholds on any of the displayed performance metrics (such as CPU utilization, and disk input/output rate). This allows you to see only the most active processes. You can define color highlighting on process data that exceeds user-defined thresholds. This helps you quickly identify processes or users that are having the greatest impact on your system's performance.

You can run GlancePlus as an icon and have alarms and dynamic system performance graphs displayed within the icon, allowing you to efficiently keep an eye on your system's performance while attending to other tasks.

better understand your computing environment

Using GlancePlus, you are more aware of how your systems and software programs interact. By using its ability to group related programs and users into applications, you can efficiently assess and track system resource usage by related processes or users.

The CPU, disk, and memory detail screens give you a detailed view of system activity. You can view disk I/O rates and queue lengths by disk device, file system, or by logical volume, to determine whether your disks are in balance. You can also see how much disk activity is due to virtual memory I/O and swapping. By using GlancePlus' displays of short-term history and averages, you get a view of your system's performance that extends beyond the last interval.

glanceplus features

- Hierarchy of system, application and process-level information from summary to diagnostic detail
- System table resource information providing status of key configurable system parameters, such as process tables, buffer cache, buffer headers, and shared memory
- Network performance information, such as Network File System (NFS) and local area network (LAN) metrics
- Customizable rules-based diagnostics to isolate performance problems and bottlenecks
- Customizable threshold-based alarming that generates visual notifications and can also be configured to execute commands or scripts for automated actions
- Both an intuitive customizable graphical user interface and a flexible character mode interface are included, allowing you to use GlancePlus on non-X-Window displays
- Context sensitive help and online user's guide—complete with a guided product tour and flexible search capabilities
- Dynamic system performance graphs and alarms displayed from GlancePlus while it runs as an icon
- The ability to display and alarm on Application Response Measurement (ARM) data, such as transaction average response time, distribution of transaction response times, service level objective value, and number of times it has been exceeded
- The ability to display groups of transactions and drill down to a single transaction and also display resource consumption by the transactions

glanceplus benefits

HP OpenView GlancePlus provides broad business benefits by helping to:

- Keep business applications running smoothly and efficiently
- Save time and effort managing your system resources
- Better understand your computing environment

GlancePlus software helps you monitor your LAN, enabling you to identify networking problems that are affecting the performance of your systems and applications. GlancePlus' graphs give you the information you need to quickly assess how your system is performing. Whether you manage multi-user systems or a network of workstations, GlancePlus enables you to more efficiently understand and manage your computing environments.

hp OpenView glanceplus

1. Identify system performance bottlenecks.

Use the GlancePlus rules-based adviser to interpret performance data and identify bottlenecks. A default rule handles a variety of system conditions.

2. Configure/customize graphical displays.

Select from extensive choices for display options, colors and fonts. Define the data sample intervals and durations for the graphs.

3. Monitor with threshold-based alarms.

Proactively manage your computer system by using alarms. Use the default alarm thresholds or define your own to meet the particular needs of your environment.

4. Get quick answers to your questions using the online help facility.

Use the guided tour to learn about how GlancePlus is used. Use the on-item help to get answers quickly to your questions on specific items on the GlancePlus screen report.

5. Track CPU, memory, disk and network resources.

Graphical and tabular onscreen color reports show your system's performance and resource utilization in real time. GlancePlus software can also display a short-term history of these measurements.

6. View the level of metrics that gives you the detail you need.

Metrics are displayed at the global, application, or process level.

7. Create customized tabular data displays.

Define the order of the data columns and sort criteria.

Define filters to see only the processes that are of interest to you and color-highlight those that meet conditions that you define. Select the metrics you want to display.

8. Monitor system performance while tending to other tasks.

Run GlancePlus as an icon and use the dynamic graphs displayed in the icon to keep an eye on the performance of your systems.

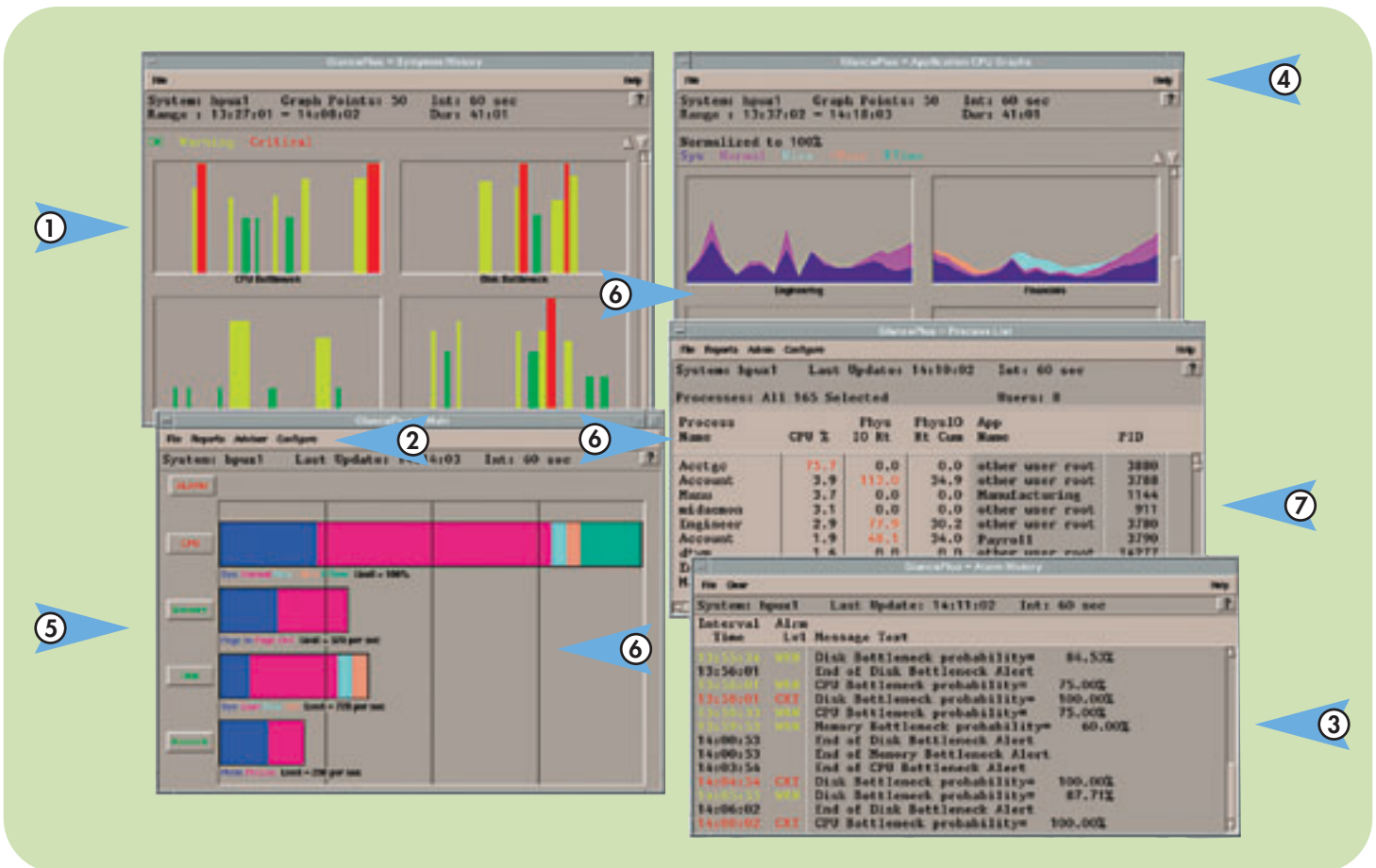


Table 1: Summary of Featured Information for HP OpenView GlancePlus

Global Information

CPU	Percent of CPU utilized by system, and user activity
CPU detail	CPU utilization both globally and per processor on multiprocessor systems CPU utilization by user processes broken out by standard-run priorities CPU run queue lengths, system call counts, and activity rates of interrupts and context switches
Input/output (I/O)	Disk I/O rate by file system, virtual memory, and raw activity
I/O detail	Physical reads and writes per disk and file system Disk utilization and physical I/Os broken out by user, virtual memory, and raw categories Queue lengths of each disk device File system capacity, and file system space utilization
Logical volume detail	Read and writes, counts, and bytes per logical volume
Memory	Paging rates: pages in and pages out
Memory Detail	Percent of available physical memory utilized by system and user processes Physical, available, and free memory Page faults, page I/Os, swap I/Os, virtual memory reads and writes, and cache size
Network	Packets in, packets out, collisions, and errors
Network detail	Packets in, packets out, and collisions and errors for each LAN device
Swap	Percent of enabled swap space that has been reserved and is active
Swap detail	Swap space available and used, and percent utilization by device and file system
System tables	Amount of system table resources available and used, including nbuf, nproc, nfile, and shmем
System attributes	System CPU type, OS release, configuration information including number of CPUs, disks, LAN cards, Logical Volume Manager volume groups, and physical memory
NFS detail	NFS reads and writes byte rates and response time, both inbound and outbound, for all clients or servers that are communicating with the host NFS in and out operation counts for the node

Application Information

Application summary	CPU, I/O, and virtual memory utilization by application Number of processes, number of active processes, and major faults per application
Application detail	CPU utilization per application broken down by user CPU and system CPU Tabular report of short-term history of CPU, I/O, and Virtual Memory utilization by application

Process Information

Process summary	For all processes: process and parent process identification numbers, run priority, user name, CPU utilization, disk I/O rate, resident set size, and resource the process is waiting on
Process detail	For each process: detailed information on CPU, disk, memory utilization, and open files

getting the most from your investment

HP provides high-quality software services that address all aspects of your software application life-cycle needs and align with your business goals. With HP as your partner, you have access to standards-based, modular, multi-platform software coupled with HP's best-in-class services and support portfolio.

HP offers premier onsite deployment assistance and development support, in addition to consulting, outsourcing, financing, education, extensive online self-help, and mission-critical support options. All of these offerings are focused on helping you maximize the return on your investment.

ordering information

One license to use for GlancePlus and GlancePlus Pak covers the right to manage one system. In addition to the license-to-use, the corresponding media and manual product must be purchased.

<i>product number</i>	<i>product name/description</i>
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for workstations

B6120AA	HP OpenView GlancePlus Workstation
B6130AA	HP OpenView GlancePlus Pak Workstation

for servers

B6121AA	HP OpenView GlancePlus Tier 1
B6122AA	HP OpenView GlancePlus Tier 2
B6123AA	HP OpenView GlancePlus Tier 3
B7395AA	HP OpenView GlancePlus Tier 4
B6131AA	HP OpenView GlancePlus Pak Tier 1
B6132AA	HP OpenView GlancePlus Pak Tier 2
B6133AA	HP OpenView GlancePlus Pak Tier 3
B7396AA	HP OpenView GlancePlus Pak Tier 4
B6122AA	HP OpenView GlancePlus Pak for Siemens/Nixdorf Systems
B6112AA	HP OpenView GlancePlus for Siemens/Nixdorf Systems

media and manuals

B3691AA	HP OpenView GlancePlus for HP 9000 Workstations
B3693AA	HP OpenView GlancePlus for HP 9000 Servers
B3695AA	HP OpenView GlancePlus for Sun SPARC Systems
B3697AA	HP OpenView GlancePlus for IBM RS/6000 Systems
T2448AA	HP OpenView GlancePlus for Linux Systems
B5021AA	HP OpenView GlancePlus for NCR WorldMark Systems
B6113AA	HP OpenView GlancePlus for Siemens/Nixdorf Systems
B3699AA	HP OpenView GlancePlus Pak for HP 9000 Workstations
B3701AA	HP OpenView GlancePlus Pak for HP 9000 Servers
B3703AA	HP OpenView GlancePlus Pak for Sun SPARC Systems
B3705AA	HP OpenView GlancePlus Pak for IBM RS/6000 Systems
T2450AA	HP OpenView GlancePlus Pak for Linux Systems
B5023AA	HP OpenView GlancePlus Pak for NCR WorldMark Systems
B6115AA	HP OpenView GlancePlus Pak for Siemens/Nixdorf Systems

for more information

For more information on HP OpenView, please contact your local HP reseller or HP sales office.

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hardware and software requirements

- 32 MB RAM and 64 MB virtual memory minimum.
- Disk space used: about 13 MB for GlancePlus and 28 MB for the HP OpenView Performance Agent. An additional 60 MB is suggested for the HP OpenView Performance Agent data files though it is configurable depending on the amount of data you wish to collect and store.
- HP-UX 11.0 or greater with X-Windows libraries X11R5 or X11R6 and Motif libraries 2.1
- A color graphics monitor with a minimum of 1280 x 1024 resolution required, and 8 color planes recommended.

For HP 9000 Servers and HP 9000 Workstations

- HP-UX 11.0 and 11i operating system releases

For Sun SPARC systems

- Sun Solaris 2.6, 7, 8 and 9 operating system releases

For IBM RS/6000 systems

- IBM AIX 4.3.2, 4.3.3 and 5L version 5.1 operating system releases

For Linux systems

- Red Hat 6.2, 7.1, 7.2, 8.0 and Advanced Server 2.1
- SuSe 7.1
- TurboLinux 6.5J, 7.0J
- Debian 2.2r3, 2.2r4, 2.2r5

For NCR WorldMark systems

- MP-RAS 3.02 operating system releases

For Siemens Nixdorf RM systems

- SNI Reliant UNIX 5.43

hp software services

For more information on HP software services available to address your specific business needs, visit:

http://support.openview.hp.com/support_options.jsp.



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