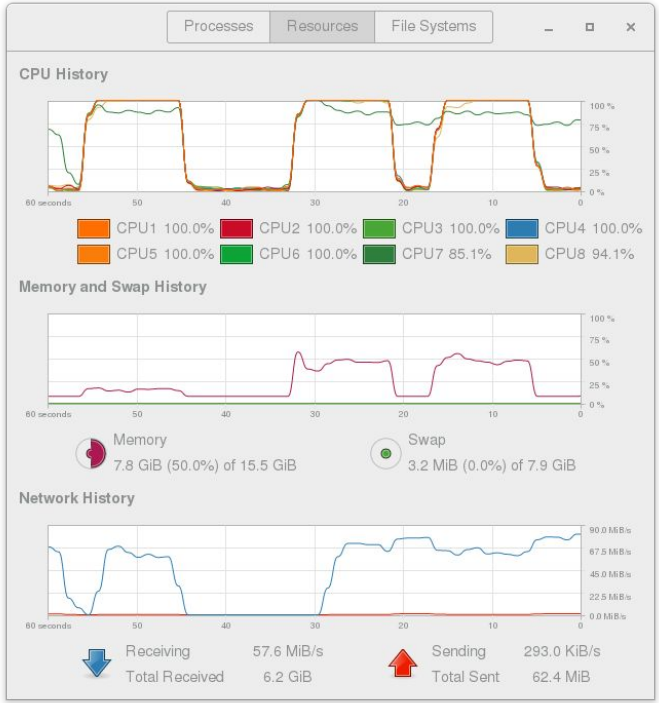
Graphical Monitoring Tools

THE LINUX FOUNDATION

gnome-system-monitor

- **gnome-system-monitor** is a simple graphical monitoring tool; it is installed on any Linux distribution that provides the GNOME desktop manager (even if you are running another desktop manager, such as KDE, it will be available)
- All statistics are generated in real time, and it is easy to examine CPU load, memory and swap usage, and network bytes transmitted and received
- However, it does not have facilities to save data and the choice of display items is limited

gnome-system-monitor (Cont.)

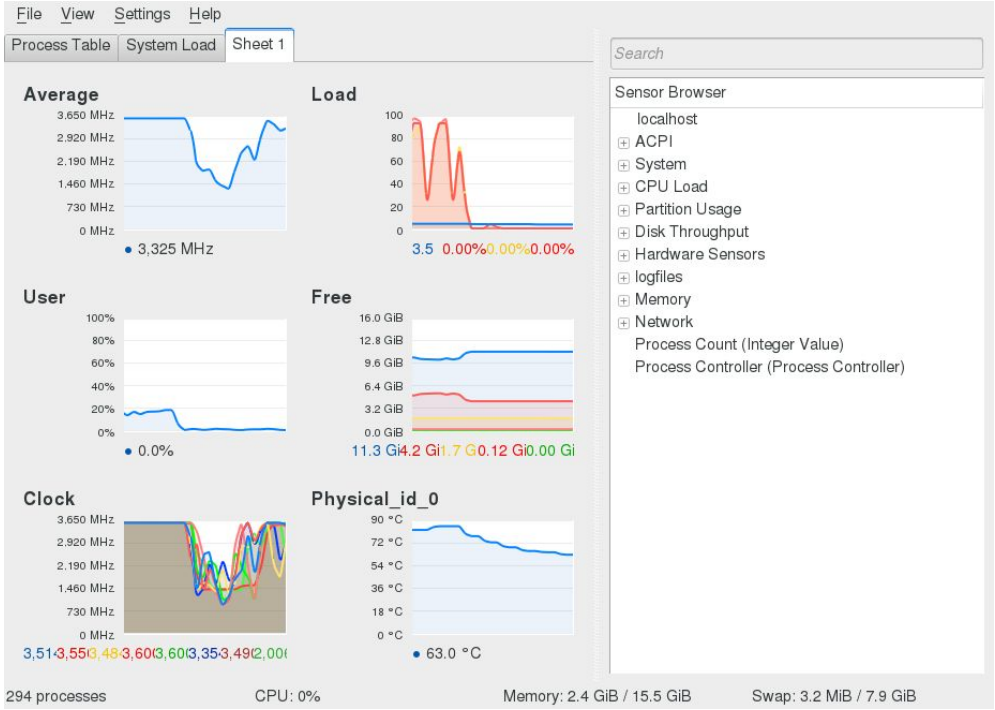


gnome-system-monitor in action on a RHEL 7 system

ksysguard

- **ksysguard** (KDE System Guard) is provided on any Linux distribution that supplies the KDE desktop manager (if you are running another desktop manager it will be available)
  - On Ubuntu systems you need to install the **ksysguard** package
  - On Red Hat-based systems you need to install both the **ksysguard** and **ksysguardd** packages
- It has far more extensive capabilities than gnome-system-monitor including:
  - The ability to choose which sensors to display, by dragging and dropping them into the workspace
  - The ability to choose how many windows to display in the workspace, adjusting the numbers of rows and columns
  - The ability to create multiple worksheets and store them for future situations
  - The ability to monitor other systems besides the graphical workstation it is running on; this can be done most easily through the ssh protocol, which will launch the **ksysguardd** daemon service on the remote machine

ksysguard (Cont.)



ksysguard in action on a RHEL 7 system