

Interactive Jobs

Interactive jobs give you a shell directly on a compute node — useful for testing, debugging, or running applications that need direct input.

Basic Interactive Session

```
srun --ntasks=1 -p power-general-shared-pool -A public-users_v2 --qos=public --pty bash
```

On a Specific Node

```
srun --ntasks=1 -p power-general-shared-pool -A public-users_v2 --qos=public --  
nodelist=compute-0-12 --pty bash
```

With GUI (X11 Forwarding)

Make sure you connected to the login node with `ssh -X` first:

```
srun --ntasks=1 -p power-general-shared-pool -A public-users_v2 --qos=public --x11 --pty bash
```

With Multiple CPUs

```
srun --ntasks=1 --cpus-per-task=4 -p power-general-shared-pool -A public-users_v2 --qos=public  
--nodes=1 --pty bash
```

Important

- Interactive jobs consume resources for as long as your session is open — exit when done
- If your connection drops, the interactive job will terminate

- For long-running work, use `sbatch` instead
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