Intel previously tried auto-enabling GuC and HuC functionality within their Linux kernel graphics driver but ended up reverting the support since the driver didn't gracefully handle the scenarios of missing/corrupt firmware files. The driver should now be more robust in such situations so they will try again for turning on the automatic behavior, possibly for the upcoming Linux 5.4 cycle.

Intel GuC and HuC have been around since Skylake and used for graphics workload scheduling, some power management bits, and for select media capabilities. For newer hardware is also being used as part of HEVC/H.265 handling.


Source URL: http://www.tuxmachines.org/node/127096