

bmcfun — Documenting proprietary BMC hardware



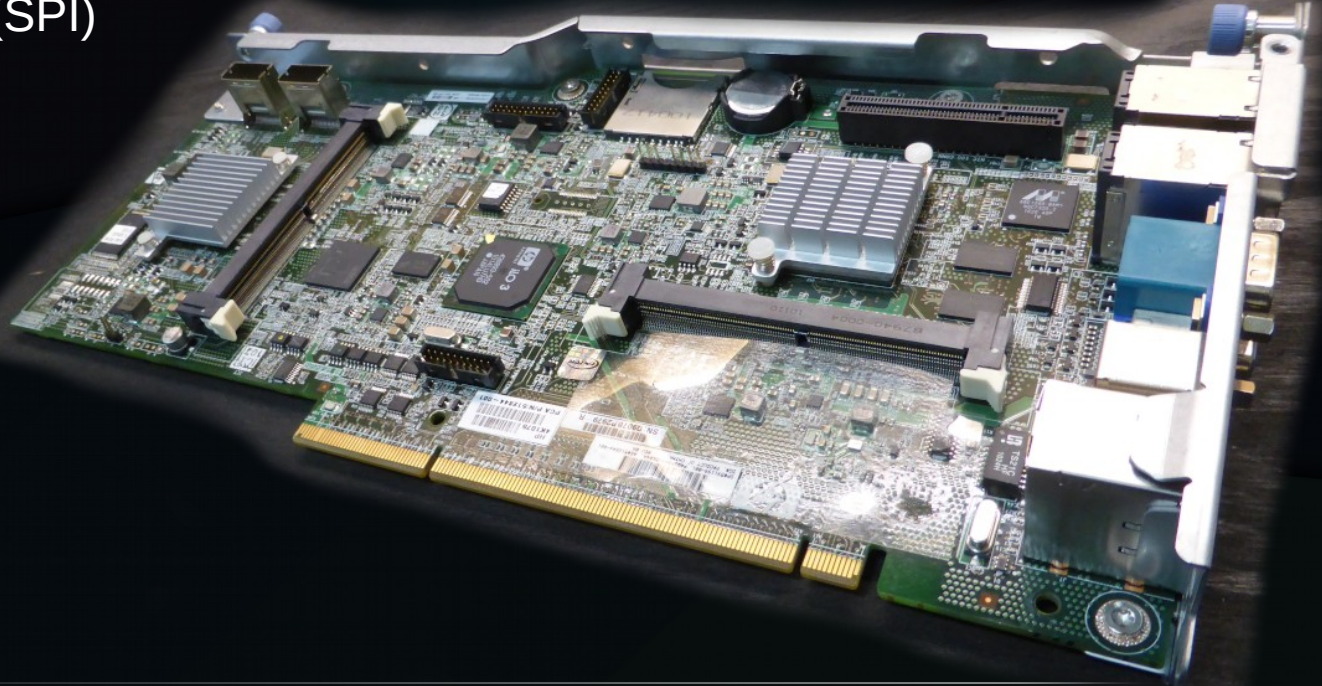
Baseboard Management Controllers

- The server inside your server
- power, KVM, serial over LAN, DMA
 - lots of power
- strcopy'ing webservers and IPMI
 - questionable security

The involuntary devboard

HP Proliant DL585 G7
System Peripheral Interface (SPI)
with iLO 3

The bootloader is not signed.



Documentation

- HP provides no docs for iLO hardware
- <https://gitlab.com/bmcfun/ilo-hw-doc>
 - currently enough to run Linux with Ethernet
- TODO
 - document more
 - port your favorite OS
 - code exec on iLO 5

Thanks & have fun

- Airbus/Synacktiv
- OpenBMC
- Ghidra
- CCCamp
- you :)

go to <https://gitlab.com/bmcfun/ilo-hw-doc>