

OPEN POSSIBILITIES.

LibreBMC



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NOVEMBER 9-10, 2021

LibreBMC

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OPEN POSSIBILITIES.



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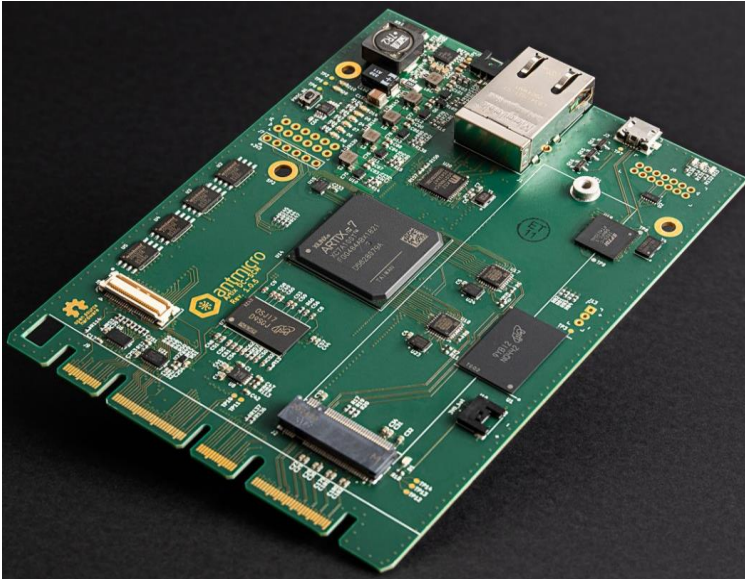


DC-SCM card – an open HW/SW BMC solution



HW MANAGEMENT

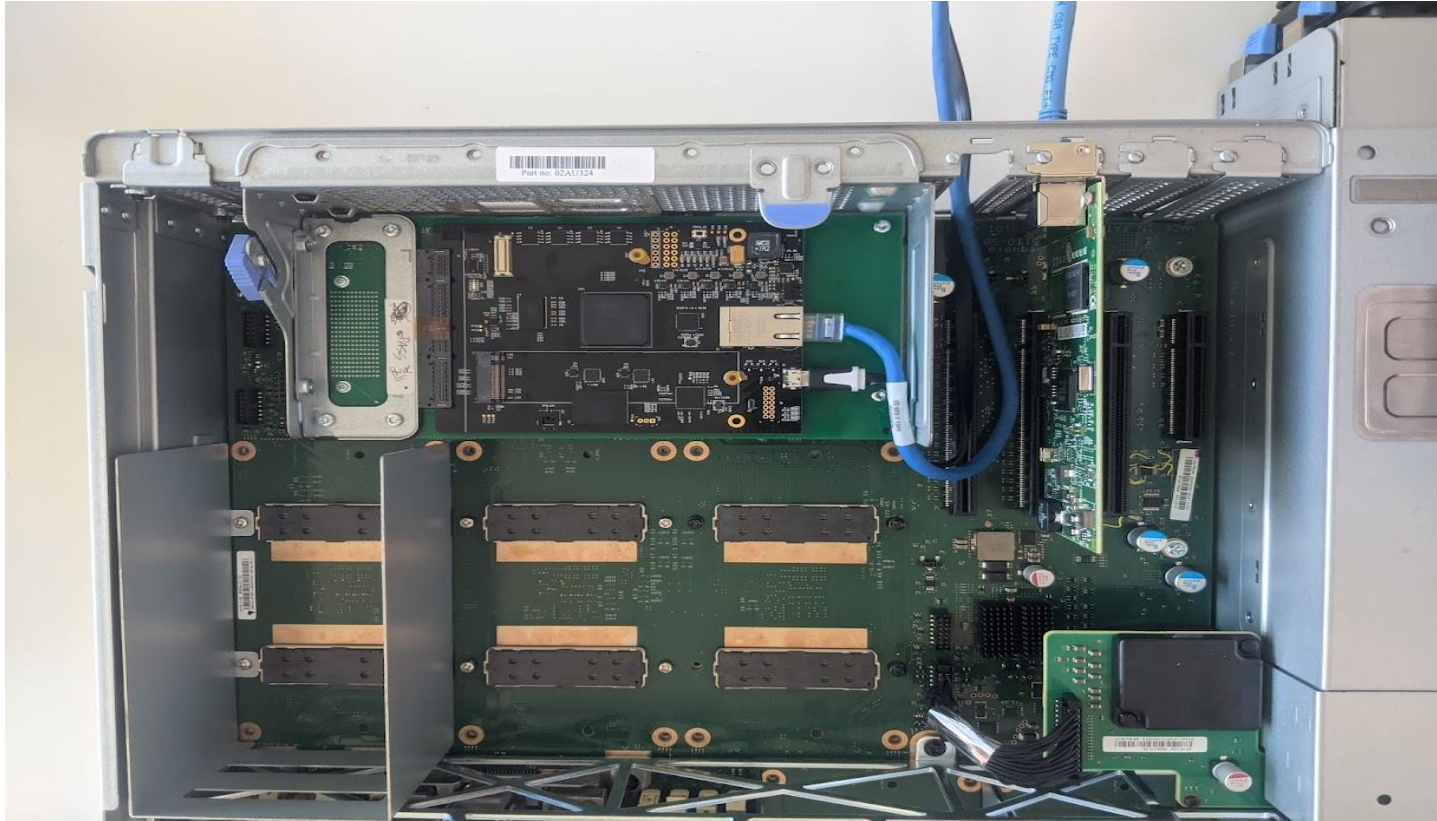
- Connects and boots an IBM AC922
 - Replaces the existing BMC card
- BMC is an FPGA
 - Open ISA (POWER ISA)
 - Open Core (microwatt)
 - Open Peripherals with Lite-X
 - OpenBMC firmware
- Uses the DC-SCM/DC-SCI standards
- Complete Openness for enhanced security – allows HW security patches in the field



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DC-SCM card Installed in an AC922



HW MANAGEMENT

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Join us!

- Get in on the action: <https://openpower.foundation/groups/librebmc/>
 - The forum and all information is free and completely open to all
- We meet every other week. One European time slot(10am Central) and one Australian (5pm Central)
 - Agendas and recordings are made public
- Timeline for Product/Facility Availability
 - You can buy your own AC922 now: <https://www-store.shop.ibm.com/shops/ips/product/server-18335-model-gth>
- DC-SCM link: <https://www.opencompute.org/documents/ocp-dc-scm-spec-rev-1-0-pdf>
- Lite-X link: <https://github.com/enjoy-digital/litex>
- Open POWER ISA link: <https://openpowerfoundation.org/tag/power-isa/>
- Microwatt link: https://en.wikipedia.org/wiki/OpenPOWER_Microwatt
- FPGA Benchmark:
https://docs.google.com/document/d/1Z_FaFPszk8nreLSvssLmDGayXmF4hmf6R8fMxUEZPM/edit

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Thank you!



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