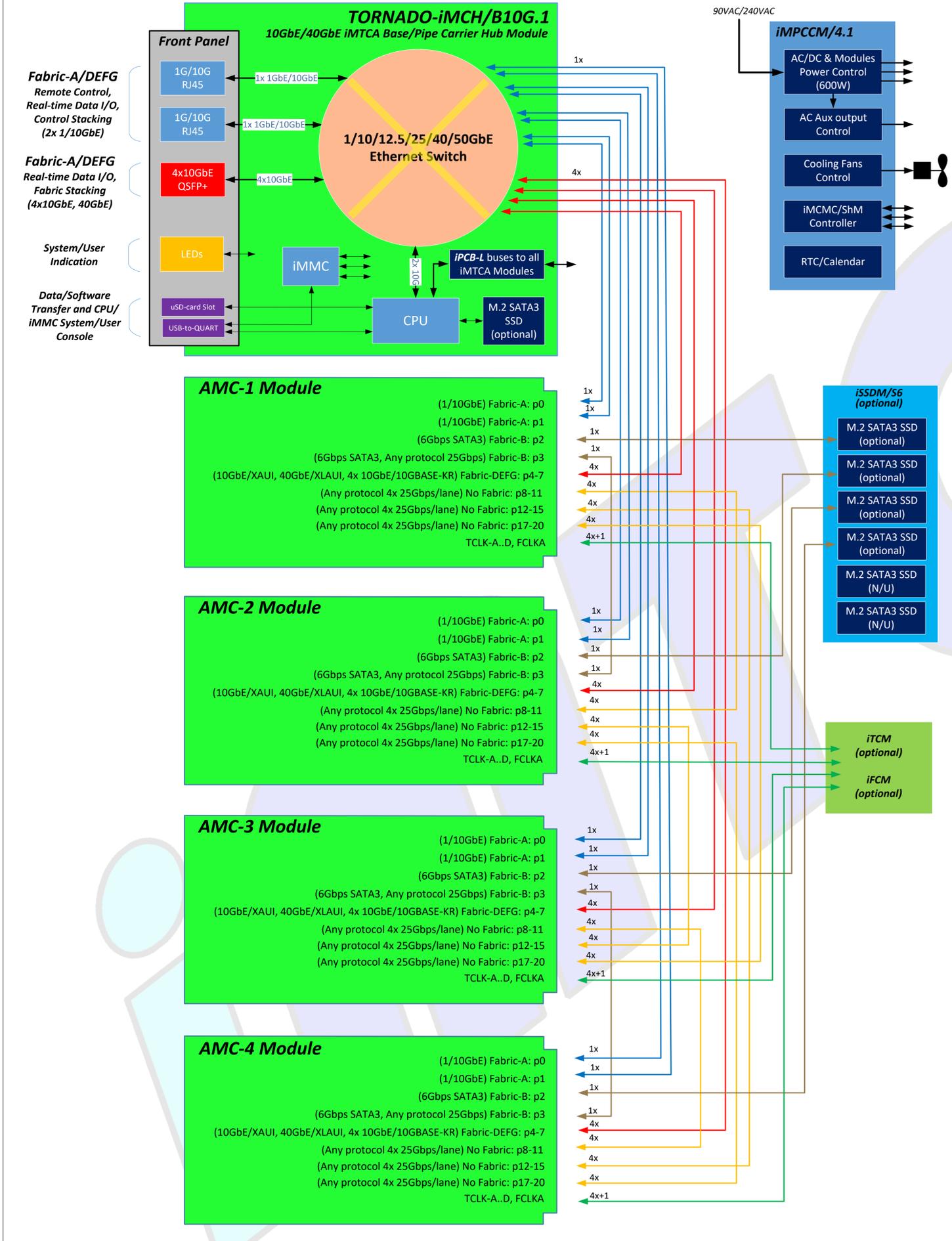
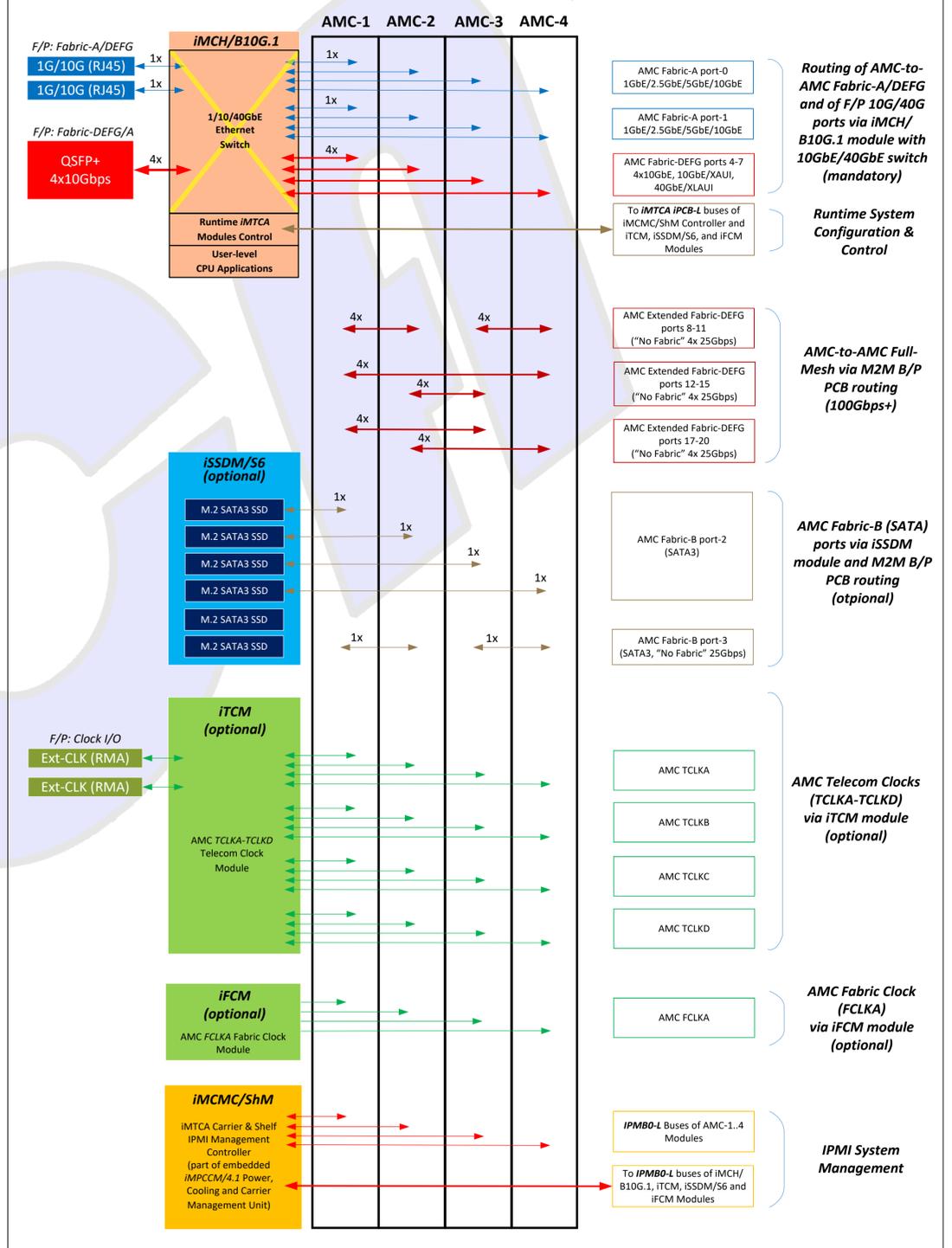


1.5U 100Gbps+ iMTCA-chassis with embedded Power-Cooling-iMCMC/iShMC controller and slots for 4x AMC, 10G/40GbE Base/Pipe iMCH/B10G, iTCM, iFCM and iSSDM/S6 Modules

Block Diagram



System & Backplane Topology & External I/O



Supported Ethernet protocols:

AMC Fabric-A ports 0-1:
1GbE (SGMII),
1GbE (SGMII),
2.5GbE,
10GbE (10GBASE-R/KR)

AMC Fabric-DEFG ports 4-7:
4x 10GbE (10GBASE-KR/R)
10GbE XAUI (10GBASE-BX4)
4x 12.5GbE (12.5GBASE-KR/R)
40GbE XLAUI (40GBASE-KR4)
50GbE (50GBASE-KR4)

AMC "No Fabric" ports 8-11/12-15/17-20 (AMC-to-AMC Full-Mesh):
Any protocol, up to 25Gbps/lane

F/P Fabric-A RJ-45 I/O ports:

1GbE (100BASE-T),
10GbE (10GBASE-T)

F/P QSFP+ I/O ports:

4x 10GbE (10GBASE-KR/R)
4x 12.5GbE (12.5GBASE-KR/R)
40GbE XLAUI (40GBASE-KR4)
50GbE (50GBASE-KR4)