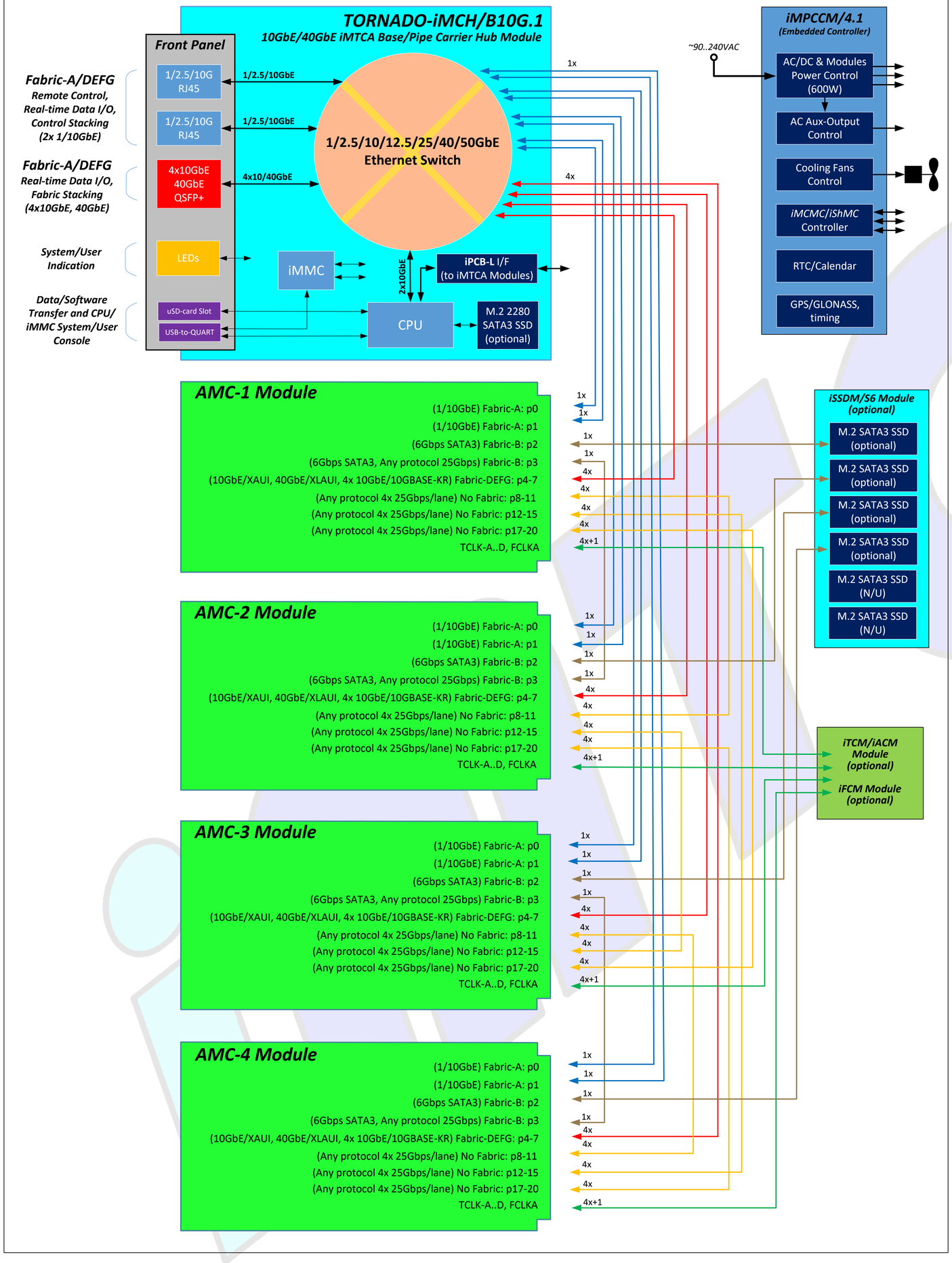
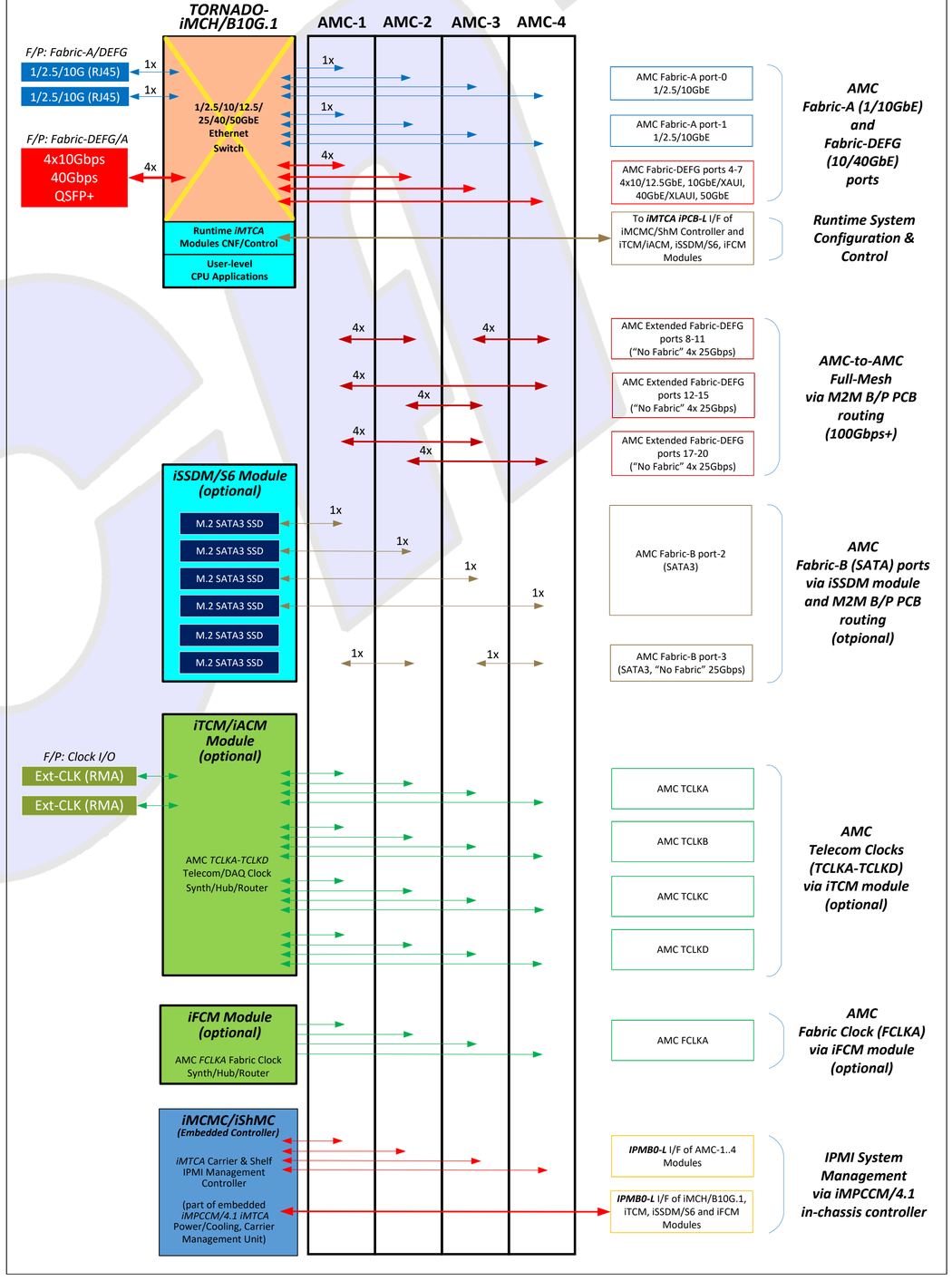
TORNADO-iMC/4.1

1.5U 100Gbps+ iMTCA-chassis with embedded Power/Cooling/iMCMC-iShMC and slots for 4x AMC, iMCH/B10G, iTCM/iACM, iFCM and iSSDM/S6 modules

System Block Diagram



System & Backplane Topology & External I/O



Supported Ethernet protocols:

AMC Fabric-A ports 0-1:
- **1GbE (SGMII)**
- **2.5GbE (SGMII)**
- **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 (1000BASE-T)**
- **2.5GbE (2500BASE-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)**

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