

Kontron

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www.kontron.com**AM42xx Series of AMC Intelligent I/O Modules**

The Kontron AM42xx series of AdvancedMC GbE/10GbE Intelligent I/O modules are designed with the Cavium OCTEON Plus CN5650 multicore packet processor, optimized for layer 4 to 7 data and security processing, targeting access and edge applications for 3G/4G BTS, RNC, and Media Gateways.

Integrate with AdvancedTCA switches to provide added functionality such as load balancing for Web Server, SIP Server, SSL Offload, and content- or application-aware processing applications. Supports QoS over Ethernet for IPTV and other broadband media services.

Multiple Front Panel configurations:

- * AM4204: 4x SFP GbE
- * AM4210: 1x SFP+ 10GbE; Serial RJ45
- * AM4220: 2x SFP+ 10GbE; Serial RJ45

**kontron****FEATURES**

- › Configure AM4220 to AT8050 Processor Blade: added functionality for wireless and wireline security packet inspection applications
- › Configure AM4210 / AM4204 to AT8904 Switch: added functionality for load balancing for Web server, SIP server, SSL offload, and content- or application-aware processing
- › 12x MIPS64 R2 cores; 600 MHz
- › Up to 14.4 Billion MIPS64 instructions per second
- › 16 high-speed SERDES, flexibly configured in blocks of 4
- › Flexible combinations of PCI Express x4, x8, XAUI (10GE), SGMII (GbE/2GbE)
- › SW support: Cavium CNUSERS/CDK SDK support; Wind River PNE LE ; Optional 6WINDgate Software Suites