



CAK-2000

1U rack-mount communication appliance with Freescale's QorIQ™ P2020 processor



SPECIFICATION

CPU Board	Freescale QorIQ P2020 45nm SOI, 1 GHz / 1.2 GHz e500 dual core, 32 KB L1 instruction cache, 512 KB L2 cache with ECC, 36-bit physical addressing, 4.9W typical power
System Memory	Two DDR3 DIMM slots, Up to 4GB DDR3 64-bit 32MB onboard flash memory
Ethernet Port	Six Gigabit Ethernet Ports, 4 RGMII GbE Ports, 2 PCI-E GbE Ports
Bypass function	Two pair bypass segments
Serial Port	One front accessible RJ45 connector for system console
Expansion	One Mini PCI-E slot
Storage Device	One 3.5" or 2.5" SATA HDD/SSD, One SD Slot
LCD Panel	2x16 characters EZIO-300 or 128x32 graphical LCD module with 4 buttons
LEDs	Power status, data access, Ethernet status (LNK/ACT), Ethernet speed (10/100/1000) and bypass
USB	Dual front accessible USB 2.0 ports
Power	65W Full Range PSU
Dimension	19" 1U Rackmount -428(W) x 44(H) x 255(D)mm 16.85" (W) x 10.04" (D) x 1.73" (H)
Operating Environment	- Temperature: 5 to 40°C (41 to 104°F) - Humidity 20% to 90%RH
Storage Environment	- Temperature: 0 to 70°C (32 to 158°F) - Humidity 5% to 95%RH
Certification	CE/FCC/UL

FEATURE

- Powered by Freescale's QorIQ™ P2020 dual-core processor
- Integrated security engine: Protocol support includes SNOW, ARC4, 3DES, AES, RSA/ECC, RNG, single-pass SSL/TLS, Kasumi
- Optional VortiQa™ software for enterprise equipment optimized for multi-core
- Six Gigabit Ethernet Ports
- Two pair Ethernet bypass segments
- One Mini PCI-E slot for Wi-Fi/3G applications

Target Applications

- UTM appliance
- IPS/IDS appliance
- Content Security
- VPN Router
- Business Gateway



ORDERING GUIDE

Part No.	CPU	Ethernet	Bypass	EZIO	Mini PCI-E slot
CAK-2000-3620	P2020 (Dual/1.2 GHz)	6 Copper GbE ports	2	Optional	Yes



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