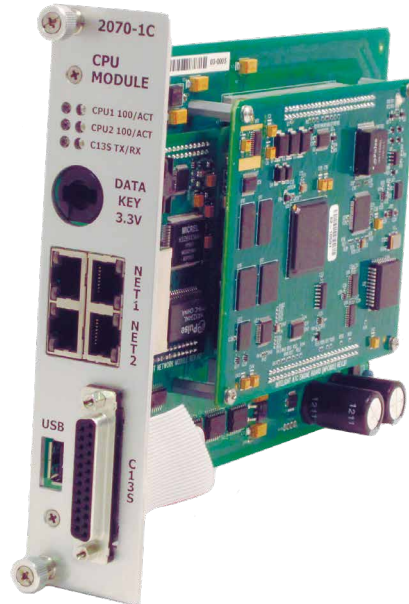


2070-1C CPU MODULE

CPU CARRIER BOARD MODULE FOR 2070 CONTROLLERS



◀ Side view Q-Free 2070-1C Module

OVERVIEW

Upgrade your 2070 controller and maintain your existing infrastructure investment with the Q-Free 2070-1C module.

Take advantage of the current standards platform and Linux-based ATC controller software offerings with the 2070-1C, featuring:

- Open Linux O/S architecture
- Runtime libraries per ATC5.2b (ATC 6.1 latest draft)
- Full support for all required ATC 6.1 software drivers under the latest Linux kernel release v 3.0
- Environmentally hardened (operating ambient temperature from -40° to +80° C)

The Q-Free 2070-1C is compliant with the latest ATC 5.2b, ATC 6.1 (draft) specifications and Caltrans 2009 TEES.

FEATURES

The 2070-1C module consists of the:

- 2070 slot carrier module with front panel support for
 - 2070 standard 1X module
 - 3.3v DataKeysocket
 - 4x RJ45 Ethernet ports
 - TEES compliant D type 25pin C13S port
- Engine Board CPU Module
 - Fully 2070 hardware and software compliant with latest national ITE/NEMA/AASHTO 2070 standard
 - Motorola (Freescale) MPC8248, 32-bit, 400 MHz, PowerPC instruction
 - 64MB of DRAM
 - 64MB of Flash Memory
 - 7 serial ports (SP1-6, SP8)
 - RTC time reference with extended hold up