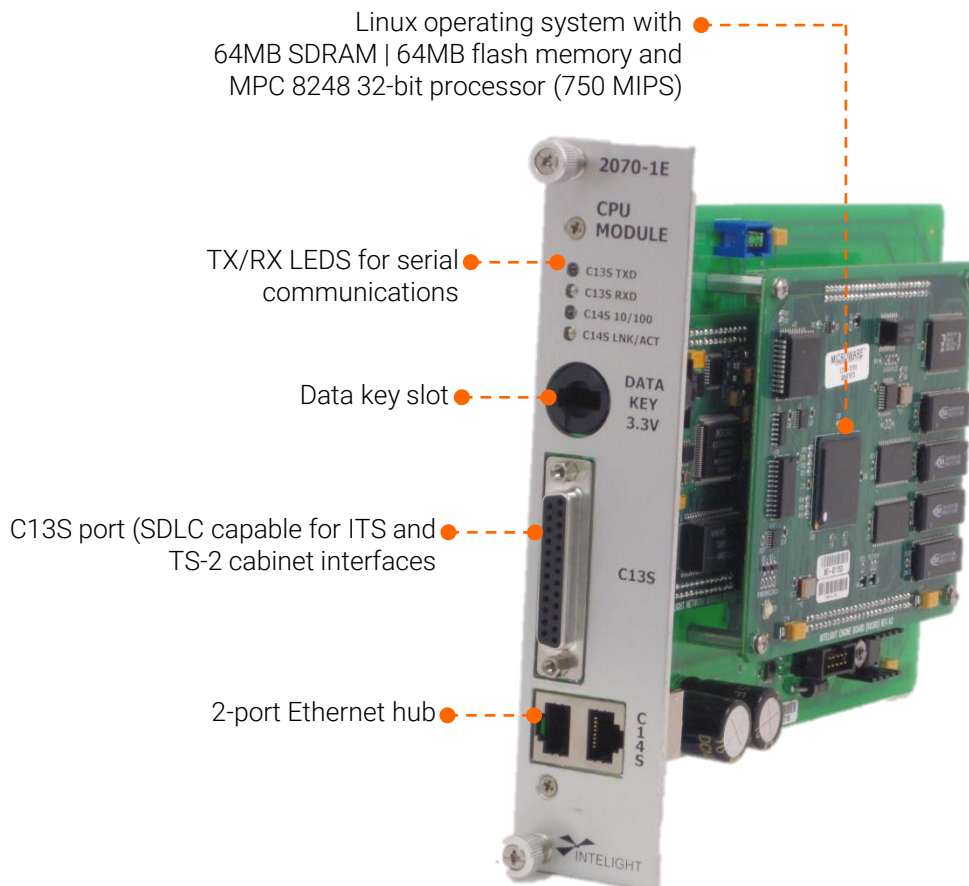


Overview

Intelight's 1E CPU module is the latest Caltrans TEES compliant CPU module for the 2070 platform.



Specifications

- 2070 slot carrier module with front panel support for
 - 2070 standard 1X module
 - Front panel 3.3v DataKey socket
 - Dual RJ45 front panel Ethernet ports
 - TEES compliant D type 25pin C13S port
 - Fully compliant with latest Caltrans TEES 2070
- Engine board CPU module
 - Fully 2070 hardware and software compliant with latest national ITE/NEMA/AASHTO 2070 standard
 - Freescale MC68EN360 embedded microprocessor – operating @25 MHz
 - 7 serial ports (SP1-6, SP8)
 - 8MB of DRAM and 8MB flash memory
 - 1MB of backed-up SRAM
 - RTC battery-backed time reference
 - 4-port IEEE 902.3 100Base-T Ethernet switch

Standard Features

- OS9 operating system runtime license included
- Fully TEES compliant OS9 drivers and interface firmware
- Compatible with the very latest CalTrans QPL approved (TEES 2009) 2070E hardware
- Compatible with legacy 2070's (TEES 2002 to present)
- Integrated Ethernet switch protects main processor from the effects of outside spurious Ethernet traffic
- Two-piece engine board design protects agency's investment by allowing future upgrade of CPU components without replacing complete module
- Environmentally hardened (Operating ambient temperature from -40C to +80C)

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