

JANUS REMOTE COMMUNICATIONS

Terminus CDMA400AP v2.0 ADVANCED

Description

Introducing the Terminus CDMA400AP, an open platform intelligent cellular terminal. Building on our highly successful Terminus line of M2M modules and terminals, the Terminus CDMA400AP is a complete wireless communication device with an integrated ARM9™ processor and expanded memory. It includes serial, USB and Ethernet connectivity and a voltage input range from 7 to 26 VDC. The Atmel ARM9™ architecture is capable of 400 MIPS and operates with Linux™ OS. The CDMA400AP Series is the next evolution of M2M communications.



Features

- ARM9™ Processor capable of running embedded Linux™
- 128 MB of NAND Flash
- 64 MB of SDRAM
- CDMA Platform
- 802.3 Ethernet 10/100
- USB Host Port
- Externally exposed RS-232 and RS-485 ports
- 2 CAN Interfaces (2 Channel)
- Embedded GPS (except GSM400AP V2.00)
- 4 Exposed CMOS GPIOs
- Ruggedized Aluminum Enclosure
- Dimensions: 3.15" (L) x 4.27" (W) x 1.18" (H)

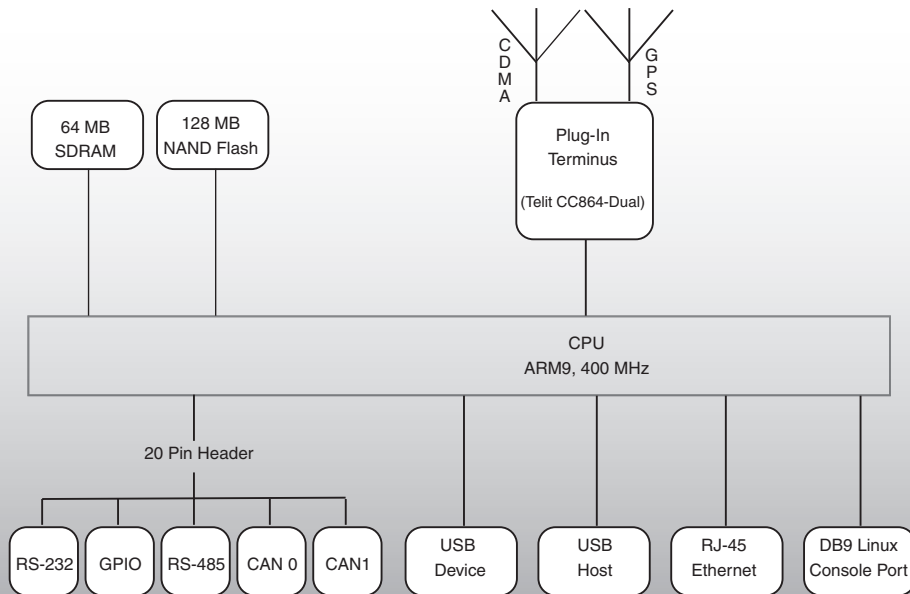
Benefits

- Quick-to-market solution
- Increased reliability from a proven hardware platform
- Uses Linux-based open source software for simplified development
- Cost-effective solution to custom manufacturing
- Easily adapts to future technology



Making machines talk.

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Terminus CDMA400AP Block Diagram

Hardware Specifications

Processor & Memory

400 MHz ARM9™ CPU
128 MB NAND Flash
64 MB SDRAM

External Interfaces & Connectors

Power Input: 7 to 26 Vdc
Connectors: DB-9, USB 1.1, RJ-45 10/100 Ethernet, GPS MCX female and GSM/CDMA SMA female
LEDs for power, cellular link status, Ethernet link, and speed
1 programmable LED for application specific use

Internal Peripherals

Full GPS receiver
2.5G cellular modem)
Debug serial console port
CAN controller
Ethernet controller



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