

PROMATE Jade

Embedded Linux Development Kit

Key Features

- ARM11 Embedded Platform
- Linux Kernel 2.6.x
- Health Monitor API
- Cross Development Tools
- GUI Library
- BSP Customization Tools
- Documentation

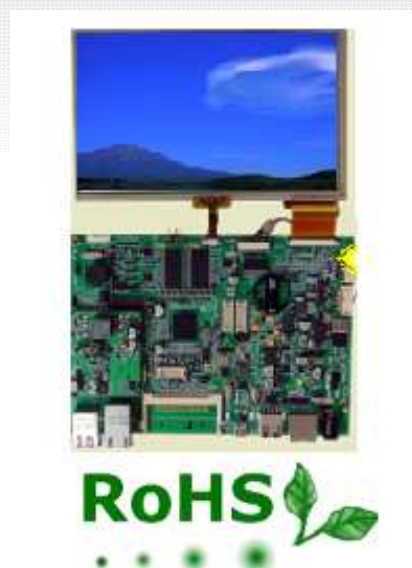
Advantages

Pre-integrated opensource software stack. Kernel source code included.

Tools for customization.

Specifications

Hardware	Embedded Platform	Jade (ARM11 400MHz Core)
	Volatile Memory	128MB DDR266 SDRAM
	Non-Volatile Memory	2MB NOR Flash/ 128MB NAND Flash (1GB for custom version)
	Display Kit	7" 800x480 (WVGA) LCD with LED Backlight and Touch Screen
	Power Supply	12V @ 2A
Software	Bootloader	Bootloader image
	Linux Kernel	Linux Kernel 2.6.22 Framebuffer Driver NOR Flash Driver NAND Flash Driver Ethernet Driver Touchscreen Driver Health Monitoring Driver ATA Driver USB Driver RTC Driver I2C Driver SPI Driver SD/SDHC/SDIO Driver
	Health Monitoring API	Health Monitoring Library Health Monitoring Sample Codes
	GUI Library	GTK+ 2.0 over DirectFB (X Window available for custom version)
	Open Source Packages	Prebuilt root filesystem (include most common libraries and services) Open source packages including networking services (HTTP, FTP, DHCP, etc)
	Customization Tool	Customization tool and user guide for building and deploying kernel and root filesystem



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