

Windows CE BSPs for Gumstix OVERO modules

Features available

Official BSPs for Gumstix Windows CE based designs

Bootloader

- ✓ Local boot from SD/NAND
- ✓ Handling over Ethernet

Debugging

- ✓ Debug UART
- ✓ Ethernet/USB KITL

Kernel

- ✓ Power Management Framework
- ✓ OAL Layer for WinCE
- ✓ Timers

Storage

- ✓ Micron Flash
- ✓ SD Card driver

Communications

- ✓ High Speed USB 2.0 with OTG support
- ✓ Application UART
- ✓ High Speed MMC/SD/SDIO
- ✓ Bus drivers (SPI, I2C)
- ✓ RNDIS support for USB
- ✓ GPIO
- ✓ DMA

User Interface

- ✓ LCD VGA display
- ✓ Backlight
- ✓ DVI support
- ✓ Keypad/Keyboard , Mouse Cursor support

Pending : Waveform Audio with I/O support



2007/2008 Excellence Awards
Systems Integrator
Training Partner





Gumstix Overo computer-on-module uses the Texas Instrument OMAP 3530 Application Processor

BSP features	Windows Embedded CE 6.0
Maintenance and Support	✓
Flash Driver	✓
USB Driver	✓
MMC/SD Card/SDIO Driver	✓
I2C Driver	✓
SPI Driver	✓
RNDIS Support for USB	✓
GPIO Driver	✓
DMA Controller	✓
Display Driver	✓
Keypad/Keyboard Driver	✓
Audio Driver	pending
Power Management Framework	✓
Debug UART	✓
Ethernet/USB KITL	✓
Load image from SD Card	✓
Load image from NAND	✓



	Source code BSP license	Evaluation source code	Binary BSP
Usage	Full control	Evaluation	
Cost	US \$8,000	Free	
Duration	Unlimited	20 days under NDA	Unlimited
Type of access	Source code	Source code	Binary
Free support and update	90 days	-	
Support and update extension for 1 year	US \$5,000	-	



General sales information

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