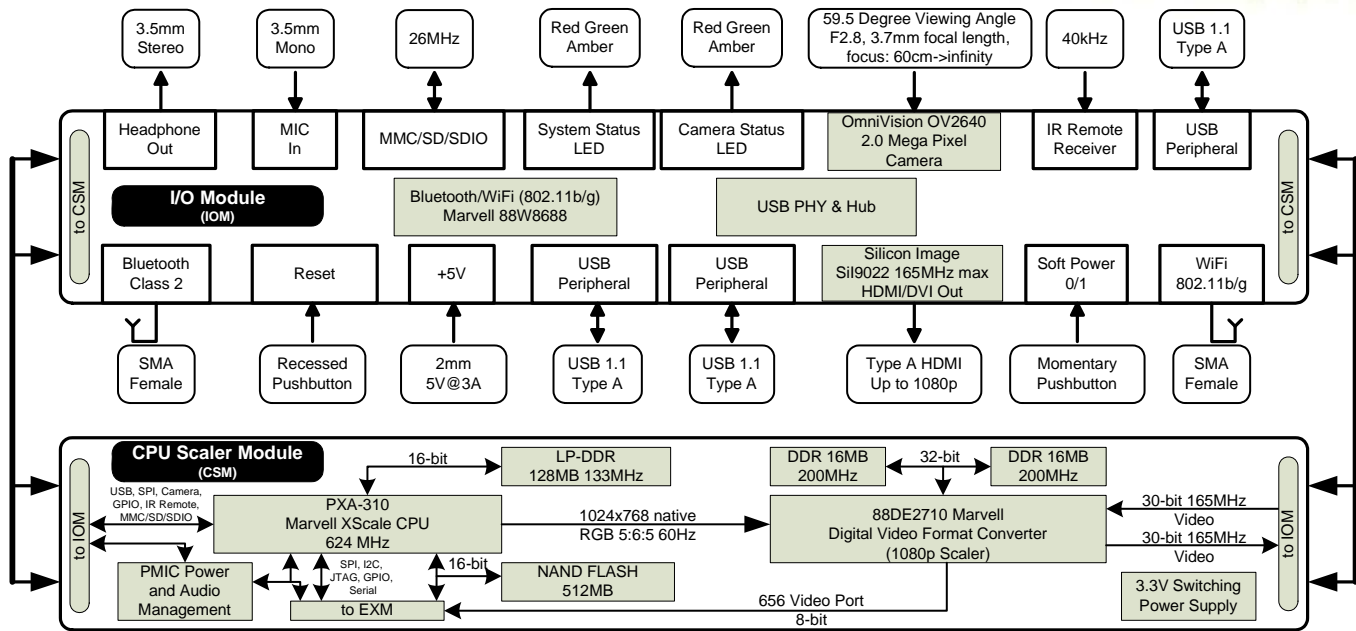




Green Calliope Engine

Preliminary
Product Brief - GCE

The Green Calliope Engine (GCE) is the tiny, powerful compute module that is the key to the Calliope Platform. It combines two credit card size modules in a clean, rugged enclosure and a Linux application suite that delivers out-of-the-box functionality for Internet access. HD video output, digital camera, memory card storage, and USB connectivity. With a clever developer docking port, GCE is readily upgraded and expanded using the Expansion Module (EXM). GCE is ideal for field demos, rapid prototyping and co-development.



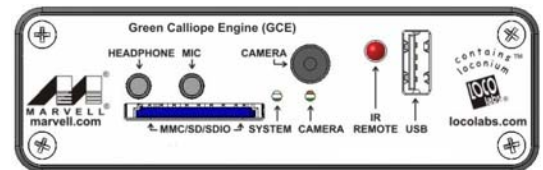
CSM



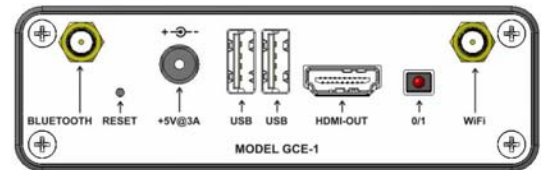
IOM

Highlights:

- Palm Size Rugged OEM Enclosure (1.3H x 4.2W x 2.4D in)
- Significant Power Savings vs. Traditional PCs (under 5W typical)
- Out-of-the-box-ready Demonstration Software Suite (Linux, Qtopia, Browser, Media Player, Networking)
- CPU: Marvell PXA-310 (Intel XScale Architecture) (624MHz, 128MB Mobile DDR, 512MB NAND FLASH)
- Video: Marvell 88DE2710 1080p Scaler with SiI9022 (165MHz 1080p HDMI TX)
- Wireless: Marvell 88W8688 (802.11b/g, Bluetooth)
- CPU Scaler Module (CSM) and I/O Module (IOM) (Credit card sized modules available for OEM integration)
- EXM Ready: Expansion Module with JTAG, Ethernet, Serial Debugging, Available Linux BSP



Front Panel



Rear Panel

Included Accessories:

1. +5V Power Supply
2. 2.4GHz Antennas

Optional Accessories:

1. EXM-1
2. Mounting Bracket