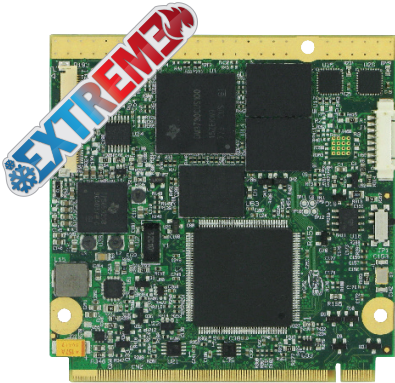




## Q7-796

## Computer on Module based on the Texas Instruments® OMAP™ 37xx Family



### HIGHLIGHTS

- Very low power consumption
- 3D graphics acceleration to support display and gaming effects
- Ideal for multimedia devices
- Available in EXTREME Temperature Version



### MAIN FIELDS OF APPLICATION



### FEATURES

Processor	Texas Instruments® OMAP™ 37xx Family: AM3703 (Cortex™ A8 up to 1 GHz core) DM3730 (Cortex™ A8, up to 1GHz core + PowerVR SGX™ Graphics Accelerator + Up to 800MHz TMS320C64x+™ DSP Core)	Other Interfaces	MMC/HC MMC/SD/SDHC/SDIO interface Video Input Port / Camera Connector LPC Bus SMBus SPI interface I2C bus JTAG
Max Cores	1	Operating System	Microsoft® Windows® CE 6.0 Linux
Memory	Mobile DDR 128 / 256MB / 512 MB onboard	Operating Temperature*	0°C ÷ +70°C (commercial version) -40°C ÷ +85°C (industrial version)
Video Interfaces	LVDS Single/Dual Channel 18/24 Bit	Dimensions	70x70 mm (2.76" x 2.76")
Video Resolution	LVDS, up to 1366 x 768	*Measured at any point of SECO standard heatspreader for this product, during any and all times (including start-up). Actual temperature will widely depend on application, enclosure and/or environment. Upon customer to consider application-specific cooling solutions for the final system to keep the heatspreader temperature in the range indicated.	
Mass Storage	256 MB / 512MB / 1GB NAND Flash eMMC soldered onboard up to 16GB		
Networking	10/100 Base-T interface		
USB	1x USB OTG 2x USB 2.0 Host		
Audio	AC'97 Audio Interface		
Serial Ports	2 x COM ports CAN interface		