

EUROTECHwww.eurotech.com**Turbo G5**

The Turbo G5 module from Eurotech offers the full benefits of the Freescale i.MX31 processor in a low-power small form factor.

The Turbo G5 module offers hardware vector floating point for applications requiring extensive computations at fast execution times such as handheld devices, transportation, and infotainment.

The Turbo G5 is mounted onto a carrier board to bring out a comprehensive range of I/O and communications ports. The carrier board can be easily customized (by Eurotech or another third party) to meet unique application requirements while reducing product time-to-market and optimizing costs. Furthermore, the Turbo G5 module can be easily scaled across several carrier board footprints so that OEMs can get the most out of product designs.

**FEATURES**

- › Low-power i.MX31 processor with vector floating point coprocessor
- › Small form factor at 74 x 46 mm
- › Comprehensive graphical capability including 2D/3D graphics with OpenGL ES and Direct3D Mobile support and Camera Sensor Interface
- › Easy integration with ZigBee and GPS modules from Eurotech for WPAN and tracking capabilities
- › Memory options including up to 256 MB DDR, up to 64 MB Flash, up to 256 MB NAND, SD/MMC, and CompactFlash®
- › Communications and I/O options including CAN 2.0b, FE, GPIO, up to 5 serial ports, USB host and OTG ports, I2C, SPI, and 8x8 keyboard

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