Module F–CPU Assy.

Applications:

- Embedded computing applications
- Wireless wearable computers
- UAV payload computers

Module F DESCRIPTION

Module F includes a Transmeta TM8800 executing Microsoft Windows XP® Embedded (or Media center) edition at a maximum clock rate of 1.6GHz.

Module F includes:
- Bios
- DRAM
- A AGP display controller with maximum resolution of 1280x1024 designed to drive a Head Mounted Display (HMD)
- Bluetooth and Wifi modules to interface to keyboard and a pointing device.

Module F and Module C form a complete micro size wearable computer.
Module F, Module C, Module D and a TR430-3G form a complete helmet mounted wireless wearable computer.

Module F Features

- Transmeta TM8800 CPU with dynamic power control
- Bios in EEROM and Windows XP embedded OS
- DRAM
- AGP display controller with a resolution of 1280x1024
- Bluetooth and Wifi
- Low power (<9W)
- **Small and low weight** (<u>**60mm x 33mm, 28gram**</u>)
- **Low cost**