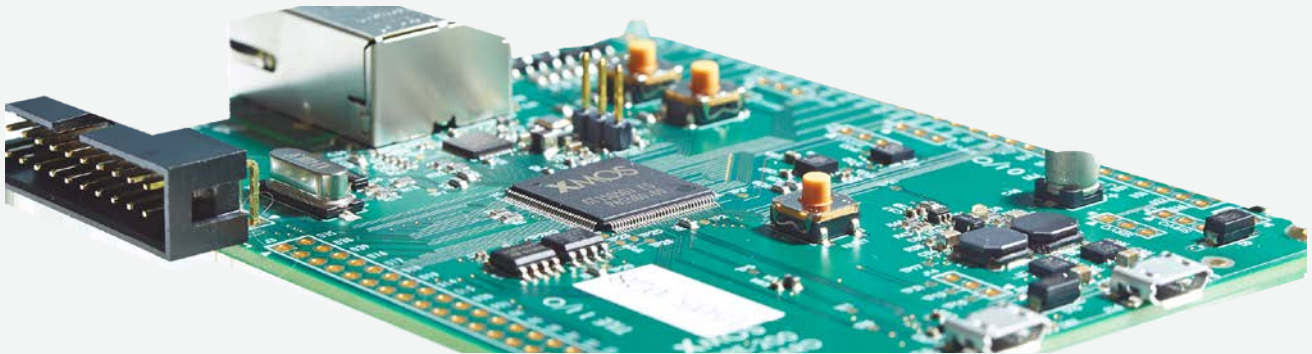


# xCORE-200 eXplorerKIT

## EVALUATING xCORE-200 MULTICORE MICROCONTROLLERS



### FEATURES

- XE216-512-TQ128 device
- 16 logical cores, up to 2000MIPS, 512KB SRAM
- High speed USB interface
- 10/100/1000 Mbps Ethernet interface
- 53 high speed GPIO
- 3D Accelerometer and Magnetometer
- Six servo interfaces
- Powered from USB micro-B connectors
- Includes xTAG debug adaptor

xCORE-200 eXplorerKIT contains everything you need to start developing applications on the powerful xCORE-200 multicore microcontroller products from XMOS. It's easy to use and provides lots of advanced features on a small, low cost platform.

The xCORE-200 eXplorerKIT features our XE216-512 xCORE-200 multicore microcontroller. This device has sixteen 32bit logical cores that deliver up to 2000MIPS completely deterministically. The combination of 100/1000 Mbps Ethernet, high speed USB and 53 high performance GPIO make the xCORE-200 eXplorerKIT an ideal platform for functions ranging from robotics and motion control to networking and digital audio.

The xCORE-200 eXplorerKIT also features a 3D accelerometer, a 3-axis gyroscope and six servo interfaces for rapid prototyping of motor and motion control projects.

xCORE lets you software-configure the interfaces that you need for your system; so with xCORE-200 eXplorerKIT you can configure the board to match your exact requirements.

### ORDERING INFORMATION:

For a list of XMOS distributors, please visit [www.xmos.com/support/distributors](http://www.xmos.com/support/distributors).

Part number	Contents
XK-EVK-XE216	xCORE-200 eXplorerKIT (XK-EVK-XE216) xTAG debug adaptor