



# AN02030: Improving IO response times using FAST or PRIORITY modes (README)

Publication Date: 2024/11/13

Document Number: XM-015205-AN v1.0.0

## IN THIS DOCUMENT

1	Overview . . . . .	1
2	Key features . . . . .	1
3	Known issues . . . . .	1
4	Required tools . . . . .	1
5	Required libraries (dependencies) . . . . .	2
6	Related notes . . . . .	2
7	Support . . . . .	2

### vendor

XMOS

### version

1.0.0

### scope

Example

### description

This app note shows the effects of using FAST mode

### category

General Purpose

### keywords

XCORE-200, XCORE.AI, XS3A, XS2A

### hardware

All

## 1 Overview

FAST mode enables a thread on an XCORE to deal with events slightly faster. This app note shows what the effect of fast mode is.

## 2 Key features

- ▶ Measured speeds
- ▶ Use of simulator harness

## 3 Known issues

- ▶ None

## 4 Required tools

- ▶ XMOS XTC Tools: 15.3.0



## 5 Required libraries (dependencies)

- ▶ None

## 6 Related notes

- ▶ None

## 7 Support

This package is supported by XMOS Ltd. Issues can be raised against the software at: <http://www.xmos.com/support>



Copyright © 2024, All Rights Reserved.

Xmos Ltd. is the owner or licensee of this design, code, or Information (collectively, the "Information") and is providing it to you "AS IS" with no warranty of any kind, express or implied and shall have no liability in relation to its use. Xmos Ltd. makes no representation that the Information, or any particular implementation thereof, is or will be free from any claims of infringement and again, shall have no liability in relation to any such claims.

XMOS, xCore, xcore.ai, and the XMOS logo are registered trademarks of XMOS Ltd in the United Kingdom and other countries and may not be used without written permission. Company and product names mentioned in this document are the trademarks or registered trademarks of their respective owners.

