

# Flexibility, performance and low power in embedded computing

## Welcome to a seminar with Kontron, Xilinx and Prevas

Kontron, Xilinx and Prevas have all tools needed for the new generation of embedded systems. Low power processors, chipsets and FPGAs can be integrated in extremely flexible solutions, enabling you to combine true realtime with high performing Windows or Linux platforms. Together, Xilinx, Kontron and Prevas make the technology easily available for your product.

Date: the 25th of May

Place: at Prevas office in Copenhagen, Frederikskaj 6

Time: 13.00 - 16.30

### Kontron

#### Speaker: Anders B. Rasmussen

Computer On Modules make the x86 technology easily available for your embedded product. The COM Express form factor standard is the natural choice for most new COM based designs.

- Computer On Modules (COM), concept and history
- COM Express, the standard
- COM Express with Intel® Atom™
- How to get started with COM Express
- COM Express Roadmap



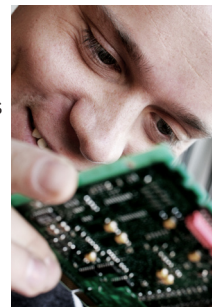
### Prevas

#### Speaker: Peter Aagaard Kristensen

Boards and systems that combine x86 or ARM with FPGA can be used in a wide range of customized solutions, allowing coexistence of advanced GUI functionality and true realtime performance.

Modularization and reuse shorten time to market as well as development cost.

- Performance, power consumption and price
- Placement of FPGA, on-board or on-base-board
- Modularization and reuse of hardware, software and FPGA cores
- Application examples (real time, number crunching, powerful graphics, ...)
- Prevas' next generation FPGA+ARM module: HM22



### Xilinx

#### Speaker: Ole Højrup

FPGAs can, when used together with an x86 or ARM solution, add an unmatched flexibility and performance to the system. FPGAs from Xilinx cover a wide range of performance and I/O requirements, in order to represent a cost effective component in your product.

- Spartan and Virtex roadmap
- PCIe interface in the FPGA (Spartan 6, Virtex...)
- FPGA memory interfaces
- Industrial Ethernet solutions – running different protocols on the same HW



### O.S.A.

Latest May 20 to: [gustav.wolrath@prevas.se](mailto:gustav.wolrath@prevas.se) with name, company name, mail address, phone number and seminar location.

The number of places is limited. Registered person that does not show up is charged with 400 DKK / 500 SEK.