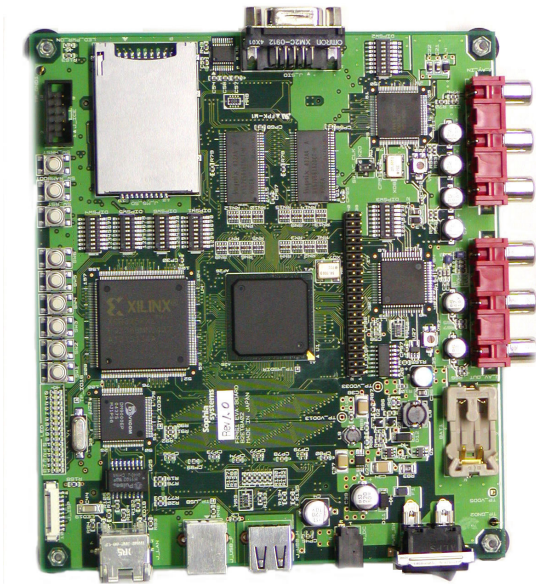


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## FR461 Software Development Kit



FR461 Evaluation Board is equipped with the VLIW media processor FR461(produced by Fujitsu Corporation). It can be used for evaluating multimedia functions such as graphics or voice processing using FR461, and also be used for software development or performance confirmation before you begin to create a prototype.

### Specifications

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- CPU: FR461 (MB93461-400MHz)
- Memory: 128Mbyte SDRAM  
20Mbyte Flash Memory
- LAN: 10/100 baseT
- USB: Host x 1 port / Function x 1 port
- Video: Input / Output (Composit)
- Audio: Input / Output (Stereo)
- Memory Card: SD or Memory Stick  
(Combine-type connector)
- Serial: RS232C X 1 channel
- Expansion bus connector
- ICE (DSU) connector for debugging
- Board size 165mm x 145 mm  
(not including peripherals)

### Configuration

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- FR-461 Evaluation Board
- Power Adapter
- CD-ROM
  - User's manual(PDF)
  - Schematic
- SDK (Refer to the second page)

All brands and product names are trademarks or registered trademarks of their respective companies.  
All configurations are subject to change without notice

## FR-461 Evaluation Kit SDK

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- Linux Type
  - uClinux2.4 (MMU is not included)
  - Linux2.4 (MMU is included)
- Binary Program to confirm the operation after the evaluation board is installed
  - Kernel Binary Image
  - Root File System Binary Image
  - RedBoot
  - Watchpoint Batch File for the initial setup of Evaluation Board
  - Sample Program
- Software for Linux development
  - GNU compiler, Assembler, Linker
  - Kernel Source Program
  - Root File System Source Program
  - Source Program Patch
  - \* Preparation of the PC Linux for your development environment will be needed.  
(The operation on Red Hat Linux9 has been confirmed.)
- Device Driver
  - 8254 compatible timer
  - 16550 compatible UART
  - LAN Controller
  - PCI Controller
  - USB Host
  - USB Client
  - Video Display Controller (VDC)
  - Video Capture Controller (VCC)
  - I2S (in / out) Audio
  - \* This is for evaluation purpose.
- Evaluation Software included with FR461 Software Development Kit
  - SD Card Device Driver (C-guys)
  - SD Memory Card, SDIO Wireless LAN Card (SD-Link11b) are supported.
  - \* Before you use the SD card device driver, contract C-guys for use consent.
- Fujitsu Evaluation Middleware
  - Fujitsu Evaluation Middleware is not included.
  - Please contact Fujitsu about Evaluation Middleware.

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### Order Information

Product Number:	Product Name:
BDF003	FR461 EVA BOARD LinuxSDK