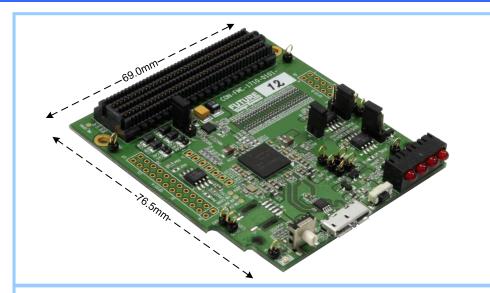
## **Talking to FPGA through USB**

### **Connecting Linux/Windows/Android to the FPGA through USB**

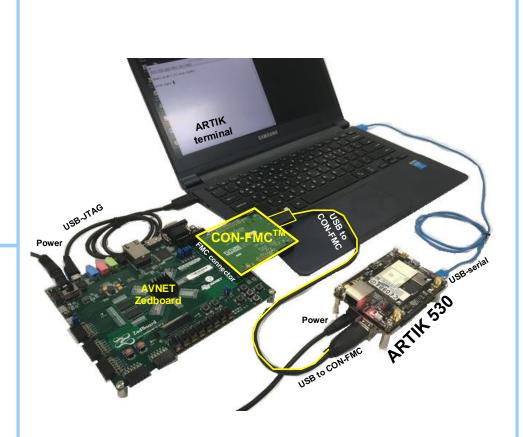


#### **CON-FMC<sup>™</sup>**

- USB 3.0/2.0
- FMC VITA 57.1 compliant including LPC, HPC, and HPC+
- Linux, Windows, Android
- Raspberry Pi, Odroid, Samsung ARTIK, and so on
- 10~250MByte/sec bandwidth depending on the host system <a href="http://www.future-ds.com/CON-FMC">http://www.future-ds.com/CON-FMC</a>

#### CON-FMC<sup>™</sup> C API

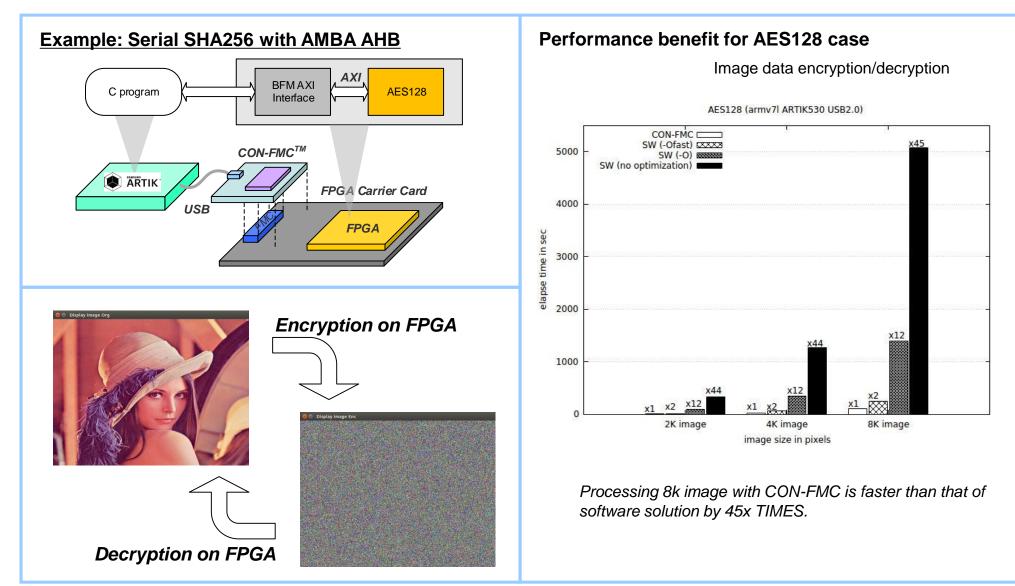
User-level program without device driver installation. void BfmRead (unsigned int addr, unsigned int \*data, unsigned int size, unsigned int length); void BfmWrite(unsigned int addr, unsigned int \*data, unsigned int size, unsigned int length);



A typical setup of CON-FMC<sup>TM</sup> with ARTIK530 along with ZedBoard.



# Application Examples: CON-FMC<sup>™</sup> with Samsung ARTIK



The information in this document is subject to change without notice.

