

OpenCL Portable Station

Featuring

- Highly integrated and easy portable station
- Altera Arria 10 PCIe board already integrated (Attila)
- Complete Quartus OpenCL software tools pre-installed
- OpenCL HPC BSP ready to use



Contact us :

Full Specifications

Portable Station features

- CPU : Intel® Intel Xeon E5-1225 v5, 3.3 GHz Quad-Core (4 threads)
"Skylake" processor, 8MB L3 cache
- Processor graphics: Intel Graphics HD P530
 - Memory : 64 GB DDR4 2133MHz
 - Storage : SSD 512 GByte M.2 Serial ATA 6 Gb/s
 - Display : Integrated 17.3" (439.42 mm) LED LCD (1920x1080) with scratch-resistant glass
 - Operating system : Linux CentOS 6.5
 - External Ports: 2x USB 3.0, 2x USB 2.0, 1x DVI-D, 1x DisplayPort, 1x HDMI, 2x RJ-45 LAN, 1x optical S/PDIF out, 5x audio jacks, 1x PS/2 keyboard/mouse port

Arria 10 GX PCIe board (Attila)

- Using Altera Arria 10 GX 1150KLE, speed grade -3
- DDR4 SODIMM module , x64 (Non ECC), single Rank, 2133 MT/s (interface up to 16 GB, speeds up to 1200 MHz/2400 Mbps)
- On board UART over USB solution on Max 10 (µUSB connector)
- FMC High Pin Count (HPC) compliant 1V8 interface

Board programming

- Onboard JTAG configuration circuitry to enable configuration over on board USB blaster, accessible on front panel via µUSB connector
- AS configuration , CvP and Partial Reconfiguration (PR) supported

Pre-installed 1 year software & license bundle

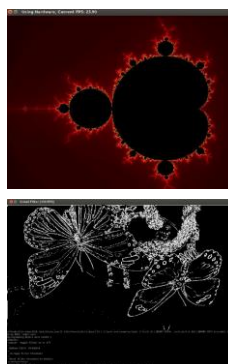
- Altera Quartus II FPGA tool
- Altera OpenCL SDK
- ReFLEX CES HPC OpenCL BSP
- All the Altera OpenCL tests design examples already compiled

Portable Power

- 110/220V, 50/60Hz auto-switching
- Power : 600W capabilities, Operating temp: 0-30° C
- One active heatsink on board
- Two extract FAN integrated into the portable station.

Portable Station Size

- Thickness : 4.30" (109.22mm)
- Width 17.33" (440.18mm)
- Height 14.76" (374.9mm)
- Weight : 8 Kg



Deliverables

- OpenCL Portable Station with Attila FPGA board
- OpenCL BSP HPC package
- Altera Quartus II FPGA tool & OpenCL SDK (1 year licence), Altera OpenCL tests design examples already compiled
- AC power cord (EU/JP/UK/US)
- Soft travel carrying case with shoulder strap, handle, and Logitech MK200 USB wired mouse and keyboard combo
- Starter Guide
- 90-day limited warranty

Ordering informations:

- OpenCL Portable Station (Attila board based on Arria 10 GX 1150) : RXCA10X115PF40-OES00A

Contact us :



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