EXHIBIT F

Case 2:17-cv-00547-RAJ-RJK Document 1-6 Filed 10/18/17 Page 2 of 11 PageID# 161 Exhibit F - US 6,434,687 SRC Labs – Amazon F1

Claim 1

A method for processing data at an (X) internet site comprising:

providing a **(B)** reconfigurable server at said **(X)** site incorporating at least one **(C)** microprocessor and at least one **(I)** reconfigurable processing element;

(X)

The New F1 Instance

Today we are launching a developer preview of the new F1 instance. In addition to building applications and services for your own use, you will be able to package them up for sale and reuse in AWS Marketplace. Putting it all together, you will be able to avoid all of the capital-intensive and time-consuming steps that were once a prerequisite to the use of FPGA-powered applications, using a business model that is more akin to that used for every other type of software. We are giving you the ability to design your own logic, simulate and verify it using cloud-based tools, and then get it to market in a matter of days.

Equipped with Intel Broadwell E5 2686 v4 processors (2.3 GHz base speed, 2.7 GHz Turbo mode on all cores, and 3.0 GHz Turbo mode on one core), up to 976 GiB of memory, up to 4 TB of NVMe SSD storage, and one to eight FPGAs, the F1 instances provide you with plenty of resources to complement your core, FPGA-based logic. The FPGAs are dedicated to the instance and are isolated for use in multi-tenant environments.

Here are the specs on the FPGA (remember that there are up to eight of these in a single F1 instance):

- · Xilinx UltraScale+ VU9P fabricated using a 16 nm process.
- 64 GiB of ECC-protected memory on a 288-bit wide bus (four DDR4 channels).
- · Dedicated PCIe x16 interface to the CPU.
- Approximately 2.5 million logic elements.
- · Approximately 6,800 Digital Signal Processing (DSP) engines.
- · Virtual JTAG interface for debugging.

In instances with more than one FPGA, dedicated PCIe fabric allows the FPGAs to share the same memory address space and to communicate with each other across a PCIe Fabric at up to 12 gigabytes per second in each direction. The FPGAs within an instance share access to a 400 Gbps bidirectional ring for low-latency, high bandwidth communication (you'll need to define your own protocol in order to make use of this advanced feature).



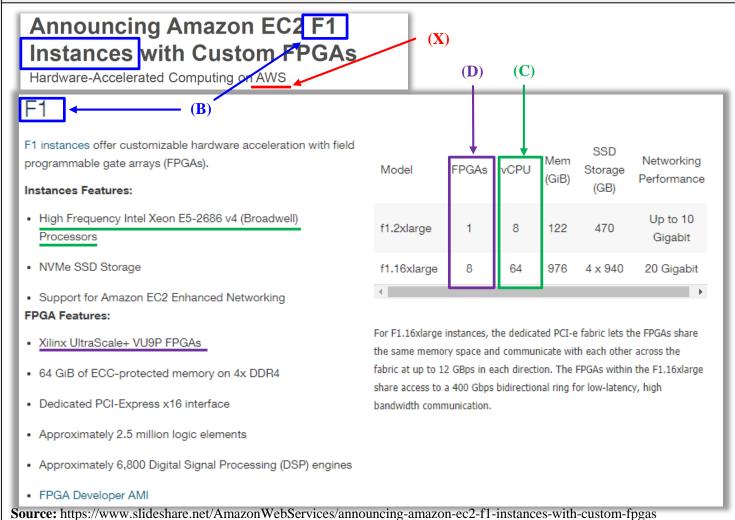
(D)

Case 2:17-cv-00547-RAJ-RJK Document 1-6 Filed 10/18/17 Page 3 of 11 PageID# 162 Exhibit F - US 6,434,687 SRC Labs – Amazon F1

Claim 1

A method for processing data at an (X) internet site comprising:

providing a **(B)** reconfigurable server at said **(X)** site incorporating at least one **(C)** microprocessor and at least one **(I)** reconfigurable processing element;



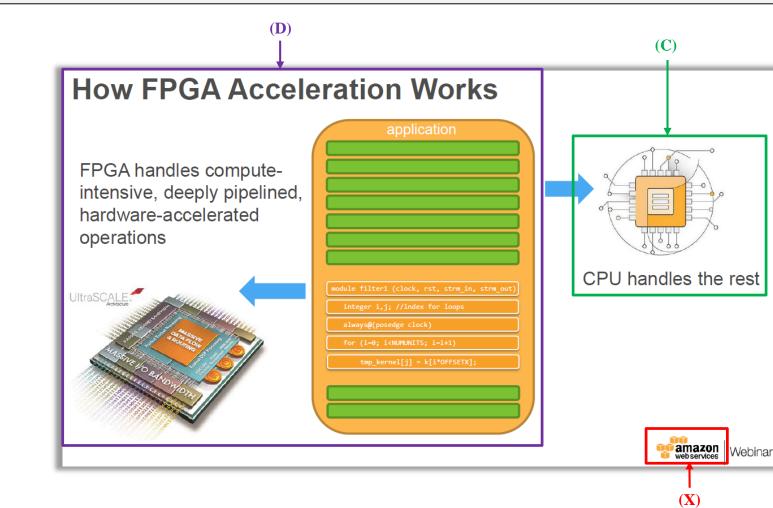


Find authenticated court documents without watermarks at docketalarm.com.

Case 2:17-cv-00547-RAJ-RJK Document 1-6 Filed 10/18/17 Page 4 of 11 PageID# 163 Exhibit F - US 6,434,687 SRC Labs – Amazon F1

A method for processing data at an (X) internet site comprising:

providing a reconfigurable server at said (X) site incorporating at least one (C) microprocessor and at least one (D) recoprocessing element;





Case 2:17-cv-00547-RAJ-RJK Document 1-6 Filed 10/18/17 Page 5 of 11 PageID# 164 Exhibit F - US 6,434,687 SRC Labs – Amazon F1

Claim 1

receiving N data elements at said (X) site relative to a remote computer coupled to said (X) site; (E) instantiating N of (D) reconfigurable processing elements at said (B) reconfigurable server; and processing said N data elements with corresponding ones of said N (D) reconfigurable processing elements.

The New F1 Instance

Today we are launching a developer preview of the new F1 instance. In addition to building applications and services for your own use, you will be able to package them up for sale and reuse in AWS Marketplace. Putting it all together, you will be able to avoid all of the capital-intensive and time-consuming steps that were once a prerequisite to the use of FPGA-powered applications, using a business model that is more akin to that used for every other type of software. We are giving you the ability to design your own logic, simulate and verify it using cloud-based tools, and then get it to market in a matter of days.

(X)

Equipped with Intel Broadwell E5 2686 v4 processors (2.3 GHz base speed, 2.7 GHz Turbo mode on all cores, and 3.0 GHz Turbo mode on one core), up to 976 GiB of memory, up to 4 TB of NVMe SSD storage, and one to eight FPGAs, the F1 instances provide you with plenty of resources to complement your core, FPGA-based logic. The FPGAs are dedicated to the instance and are isolated for use in multi-tenant environments.

Here are the specs on the FPGA (remember that there are up to eight of these in a single

F1 instance):

(D)

- Xilinx UltraScale+ VU9P fabricated using a 16 nm process.
- 64 GiB of ECC-protected memory on a 288-bit wide bus (four DDR4 channels).
- · Dedicated PCIe x16 interface to the CPU.
- · Approximately 2.5 million logic elements.
- · Approximately 6,800 Digital Signal Processing (DSP) engines.
- · Virtual JTAG interface for debugging.

In instances with more than one FPGA, dedicated PCIe fabric allows the FPGAs to share the same memory address space and to communicate with each other across a PCIe Fabric at up to 12 gigabytes per second in each direction. The FPGAs within an instance share access to a 400 Gbps bidirectional ring for low-latency, high bandwidth communication (you'll need to define your own protocol in order to make use of this advanced feature).



DOCKET

Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.

