Network Processing Unit (NPU) Trends: Market Research Report

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Abstracts

The report analyzes and presents an overview of Network Processing Units (NPU) market worldwide.' Network processors are programmable microprocessors/devices or specialized CPU, with generic characteristics identical to all-purpose CPUs, optimized to process network data packets in applications related to packet processing and network routing.'

The report also provides a review of NPU Co-Processors, a comparison between Network Processors and Communication Processors, technological advancements, market challenges and strategic industry activities of major companies worldwide. In addition, major companies operating in the Network Processing Units (NPU) arena worldwide including Alcatel-Lucent, Applied Micro Circuits Corporation, Broadcom Corporation, Cisco Systems Inc., Ezchip Semiconductor Ltd., LSI Corporation, Marvell Technology Group Ltd., PMC-Sierra Inc., Qualcomm Inc., and Texas Instruments Inc., and others are profiled.

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Microsemi Enters Into Collaboration and LSI
EZchip Semiconductor and NetLogic Microsystems Collaborate
Bigfoot Networks and Leadtek Enter into Partnership
Emtec Takes Over SARK Infotech
Motorola Divests Networking Unit to Nokia Siemens
PMC-Sierra Acquires Wintegra

3. PRODUCT LAUNCHES

Applied Micro Circuits Rolls Out TPO215 Processor
LSI Launches Axxia 4500 Communication Processors Range
LSI Launches Axxia 5500 Communication Processors Range
LSI Launches Axxia Mobile Broadband Solution
LSI Logic Launches AXM5500 Multicore Processors
LSI Showcases LSI 28G SerDes Transceiver

MiTAC International Unveils 64-Bit ARMRv8 Processor-Based Servers

Alcatel-Lucent Launches 7950 XRS Range of Internet Core Routers

Applied Micro Circuits Introduces Black Mamba APM8669x Range of Processors

Applied Micro Circuits Introduces TPO415/C415 Standard OTN Multiplexer

Broadcom Unveils 100Gbps Full Duplex NPU

Cisco Unveils ASR 5500 Platform

EZchip Semiconductor Introduces Network Processor for Smart Networks

LSI Unveils AXM2500 Communication Processor

Advantech and LSI Launch Packetarium Platform

Alcatel-Lucent Unveils FP3 Network Processor

Applied Micro Circuits Unveils Catalina APM86491 SoC

Applied Micro Circuits Unveils Diamondback APM86391 and APM86392 Multi-Core
Processors

Bigfoot Networks Announces Software Update for Killer E2100 Networking Platform

EZchip Semiconductor Unveils NP-5 Network Processor

EZchip Semiconductor Announces Implementation of OpenFlow 1. 1 Protocol on NP-4
Network Processor

LSI Unveils Axxia ACP3423 Communication Processor

VisionTek and Bigfoot Networks Introduces VisionTek Killer HD 5770

Xelerated Launches HX Series of NPUs

4. MARKET PARTICIPANTS

Alcatel-Lucent (France)

Applied Micro Circuits Corporation (USA)

Bay Microsystems, Inc. (USA)

Broadcom Corporation (USA)

Cavium, Inc. (USA)

Cisco Systems, Inc. (USA)

Cortina Systems, Inc. (USA)

Cypress Semiconductor Corporation (USA)

Ezchip Semiconductor Ltd. (Israel)

Freescale Semiconductor, Inc. (USA)

Gateworks Corporation (USA)

HMS Industrial Networks (Sweden)

Intel Corporation (USA)

International Business Machines Corporation (USA)

Lantiq Deutschland GmbH (Germany)

Lectrosonics, Inc. (USA)

LSI Corporation (USA)

M/A-COM Technology Solutions Holdings, Inc. (USA)

Marvell Technology Group Ltd. (Bermuda)

Netronics, Inc. (Taiwan)

Netronome (USA)

PMC-Sierra, Inc. (USA)

Qualcomm, Inc. (USA)

Renesas Electronics America, Inc. (USA)

Silicon Image, Inc. (USA)

Telefonaktiebolaget L. M. Ericsson (Sweden)

Texas Instruments, Inc. (USA)

Tilera Corporation (USA)

Vitesse Semiconductor Corporation (USA)

5. APPENDIX

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