

EMBARGOED UNTIL TUESDAY, FEBRUARY 19, 2013 AT 6 AM PACIFIC TIME

Introducing NVIDIA Tegra 4i

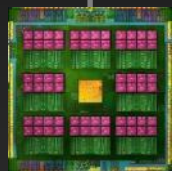
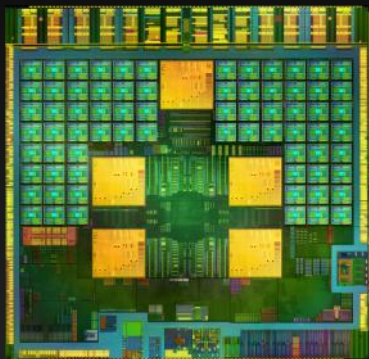
*Highest Performing Single-Chip
Smartphone Processor*



Tegra 4 Family

Tegra 4 (“Wayne”)

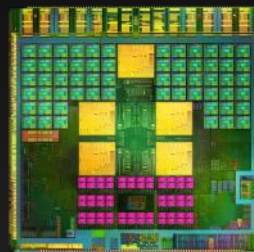
World’s Fastest Mobile Processor



Superphone / Tablet

Tegra 4i (“Grey”)

1st Integrated Tegra 4 LTE Processor



Smartphone

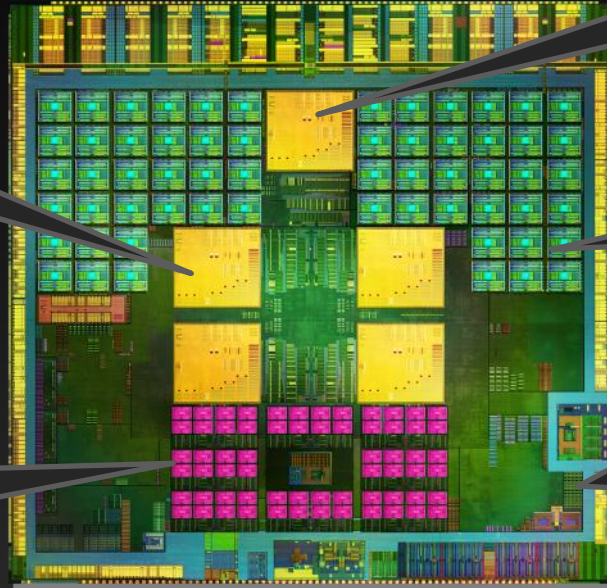
Tegra 4i

Highest Performing Single-Chip Smartphone Processor

“R4”

New Quad core
ARM R4 A9
(2.3Ghz)

Integrated
i500 core



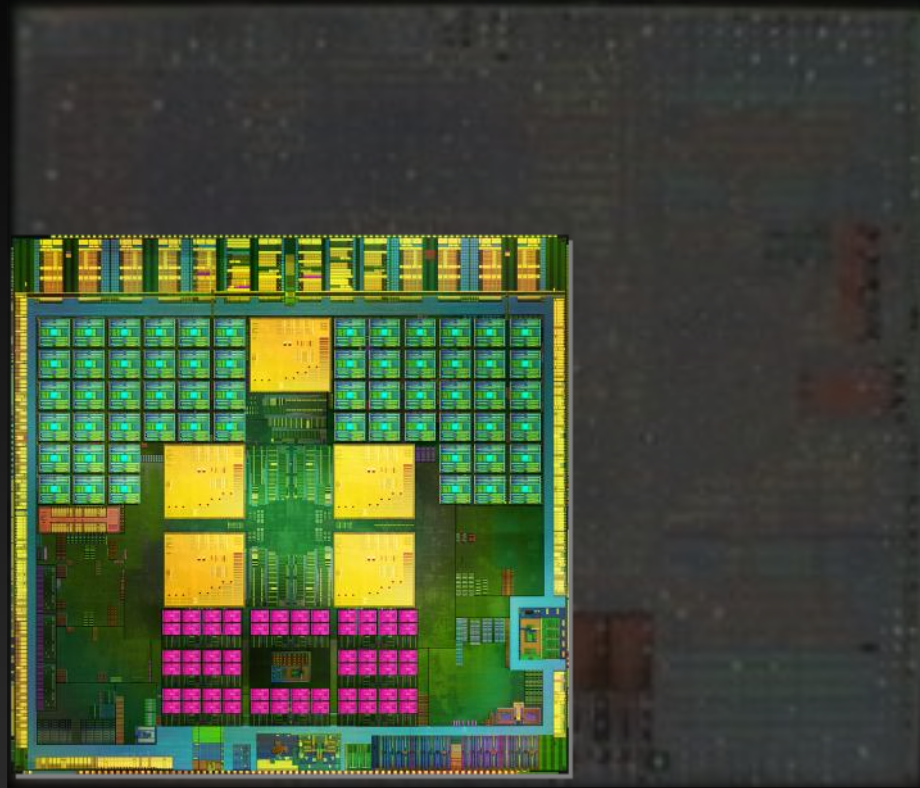
Tegra 4
4+1 Battery Saver Core

Tegra 4 GPU (60 Core)

More Tegra 4 Features:

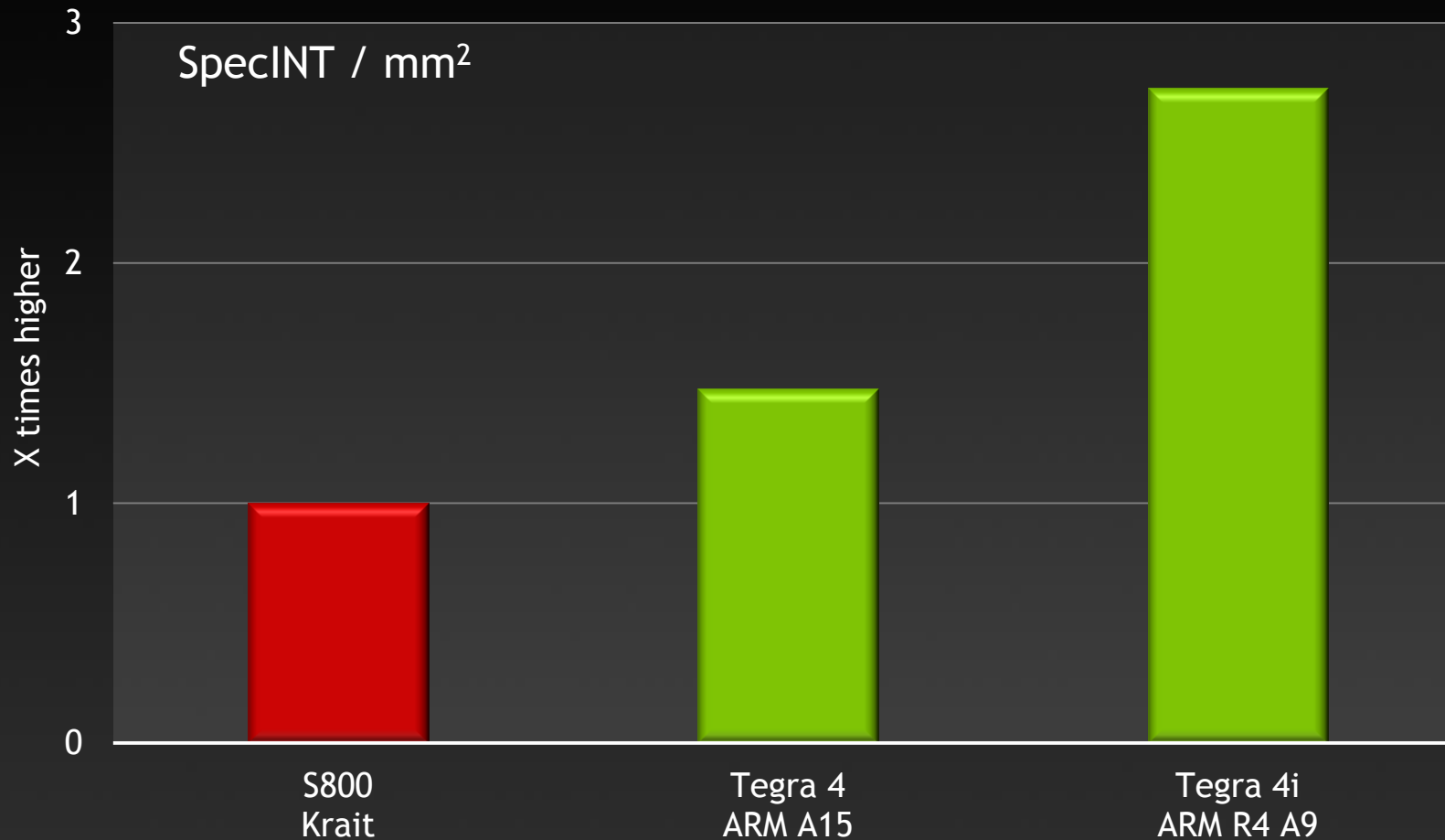
- Computational Photography Architecture
- Image Signal Processor
- Video Engine
- Optimized Memory Interface

Half the Size of Competing Chip



Performance per mm² Comparison

Packs a Big Punch



CPU Architecture Comparison

	S800 Krait	Tegra 4 A15	Tegra 4i R4 A9	
Core size (mm ²)	2.6	2.7	1.15	Half the size
Battery Saver Arch	-	4 + 1	4 + 1	Dedicated battery saver core
Perf / clock (SpecINT IPC)	0.33	0.61	0.40	
Max Perf (SpecINT)	762 (est)	1168	920	
Perf / mm ² (SpecINT)	293	432	800	2.7x efficiency

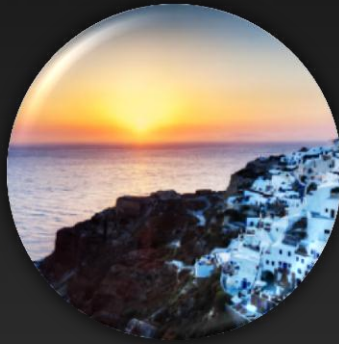
Tegra 4i Delivers...



Lightning Fast 4G LTE



Blazing Fast Web Browsing



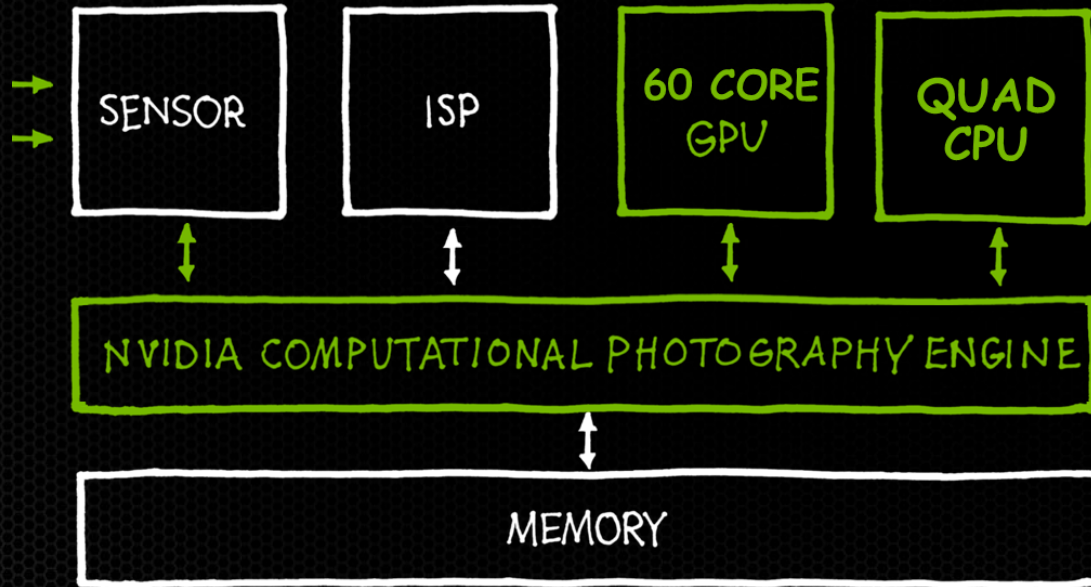
Computational Photography



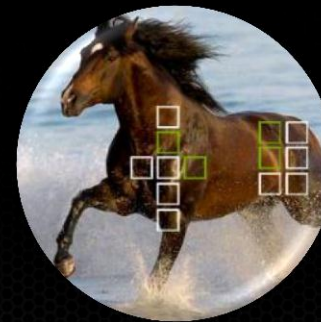
TegraZone Gaming

Tegra 4 Family Camera Capabilities

VIDIA COMPUTATIONAL PHOTOGRAPHY ARCHITECTURE



1st Always On HDR



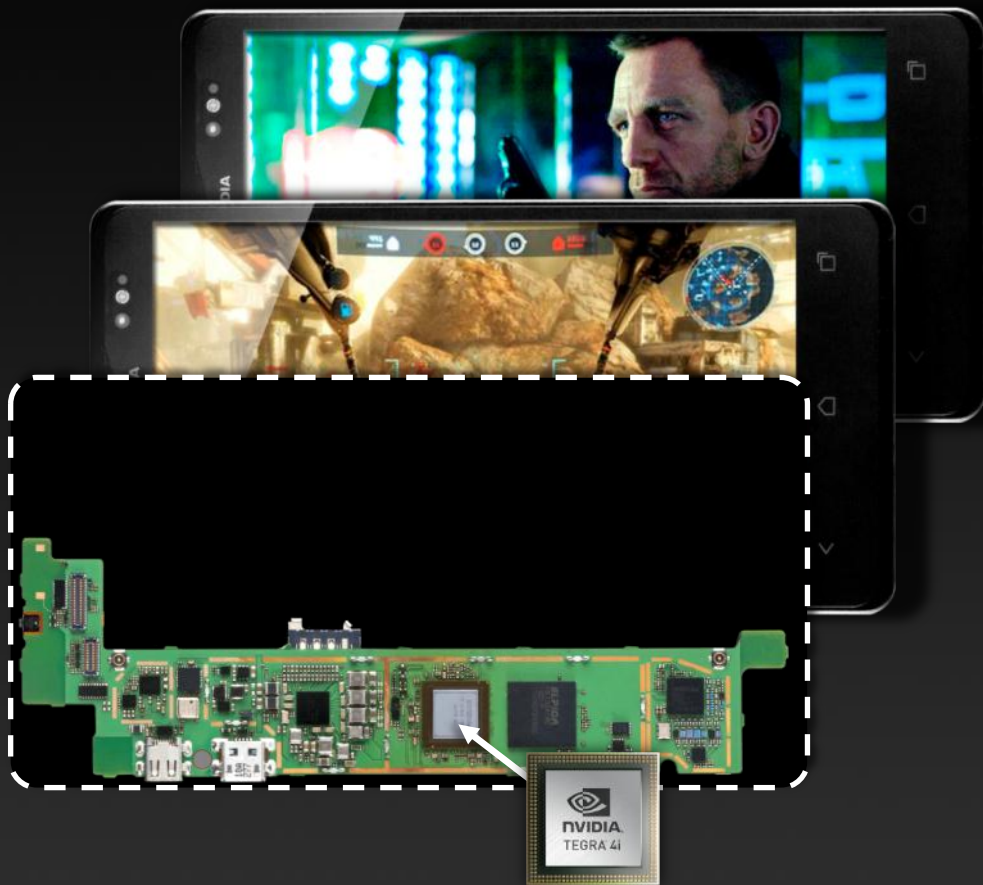
1st Tap to Track



1st HDR Pano

1080P LTE Phones for Everyone

Phoenix Reference Phone Platform



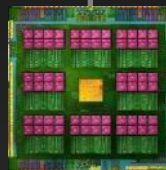
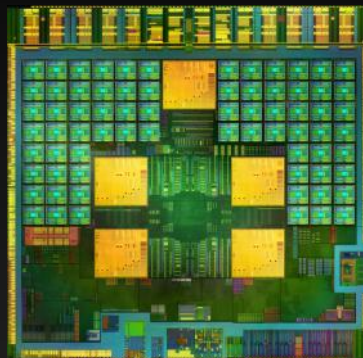
- Tegra 4i
- 5" 1080p Display
- 8mm thin
- 4G LTE
- PRISM 2
- DirectTouch
- Computational Photography Architecture

Tegra 4 Family

Tegra 4 (“Wayne”)

World’s Fastest Mobile Processor

Superphone / Tablet



Tegra 4i (“Grey”)

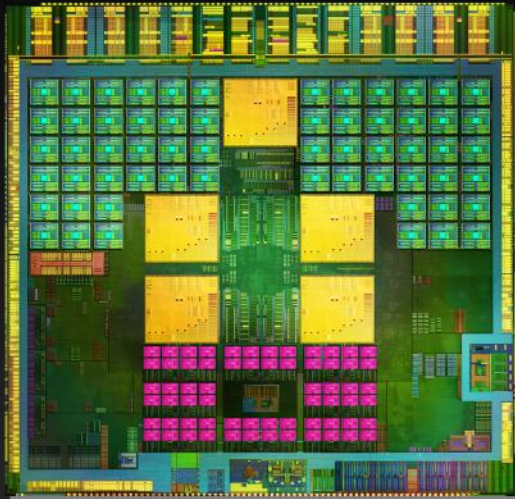
1st Integrated Tegra 4 LTE Processor

Smartphone



Quad CPU	ARM A15, 4+1	R4 ARM A9, 4+1
NVIDIA GPU	72 Core	60 Core
i500	✓	✓
NV Comp Photo Architecture	✓	✓

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NVIDIA Tegra 4i

Highest Performing Single Chip Smartphone Processor

2.3GHz Quad CPU + 60 Core GPU + SDR LTE

Half the size of competing chip

Tegra 4 super phone experience

