

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

	Tegra 4	Tegra 4i
Processor		
CPU Cores	4 + 1	4 + 1
CPU Architecture	ARM Cortex-A15	ARM Cortex-A9 r4
Max Clock Speed	1.9 GHz	2.3 GHz
GPU		
Custom GPU Cores	72	60
Computational Photography Architecture	Yes	Yes
Memory		
Memory Type	DDR3L & LPDDR3	LPDDR3
Memory Size	4 GB	2 GB
Display		
LCD	3200 x 2000	1920 x 1200
HDMI	4K (UltraHD)	1080P
Modem		
Architecture	Optional LTE Chipset	Integrated i500 LTE
LTE	Cat 3/Cat 4+CA 100-150 Mbps DL (50 Mbps UL) FDD and TD-LTE, TMs 1-8	Cat 3/Cat 4+CA 100-150 Mbps DL (50 Mbps UL) FDD and TD-LTE, TMs 1-8
HSPA+	Cat 24/6 42 Mbps DL (5.7 Mbps UL) Plus cats 6, 8, 10, 14, 18	Cat 24/6 42 Mbps DL (5.7 Mbps UL) Plus cats 6, 8, 10, 14, 18
TD-HSPA	Cat 24/6 4.2 Mbps DL (2.2 Mbps UL) Including TD-SCDMA	Cat 24/6 4.2 Mbps DL (2.2 Mbps UL) Including TD-SCDMA
Package		
Package Size/Type	23x23 BGA 14x14 FCCSP	12x12 POP 12x12 FCCSP
Process	28 nm	28 nm