Smartphone & Mobile
Network Project
Smartphone
Project

Smartphone Project

❖ Smartphone Analysis Project

- AIDA64 provides HW & SW information
- Analyzes the specifications of
  your own smartphone
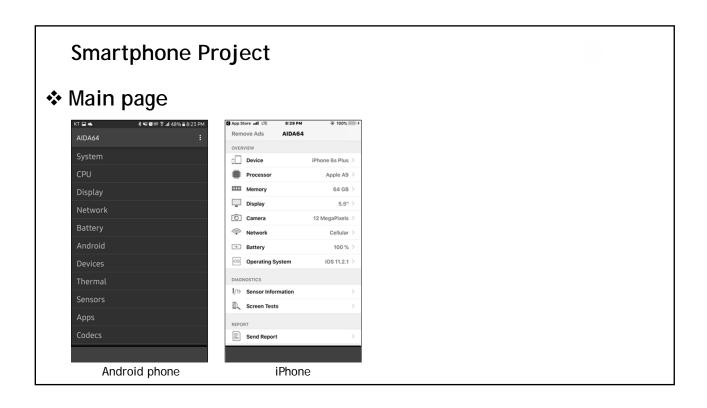 - System Info., CPU, Display, Network, Battery, OS, etc.

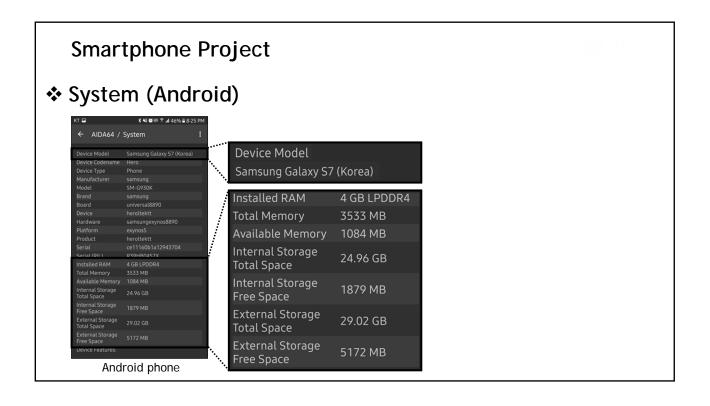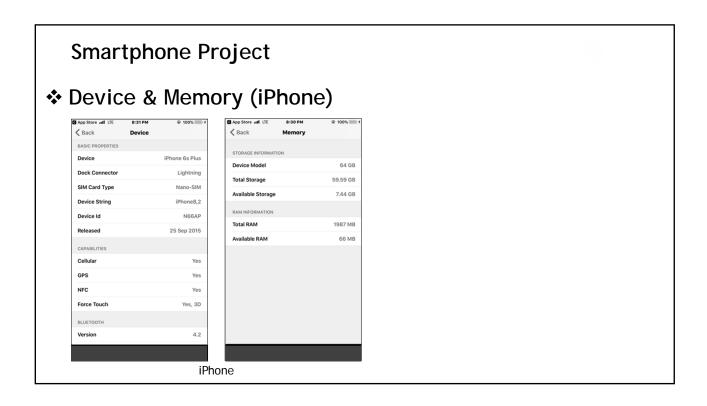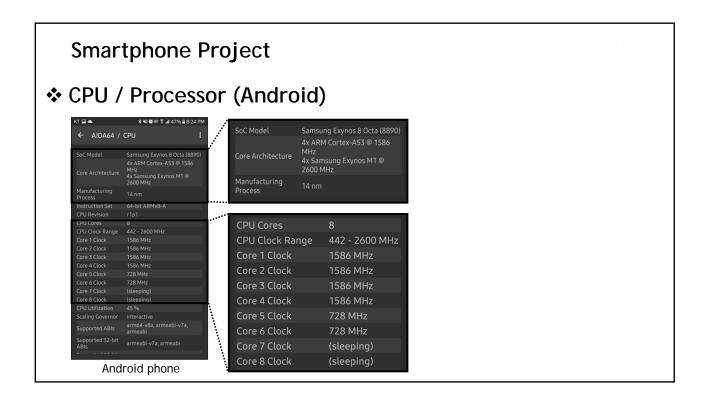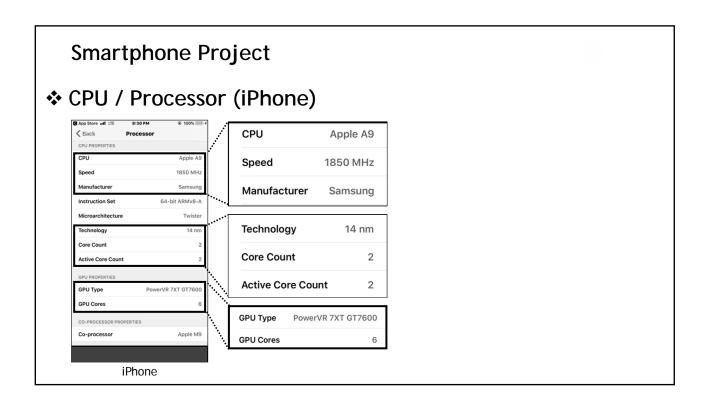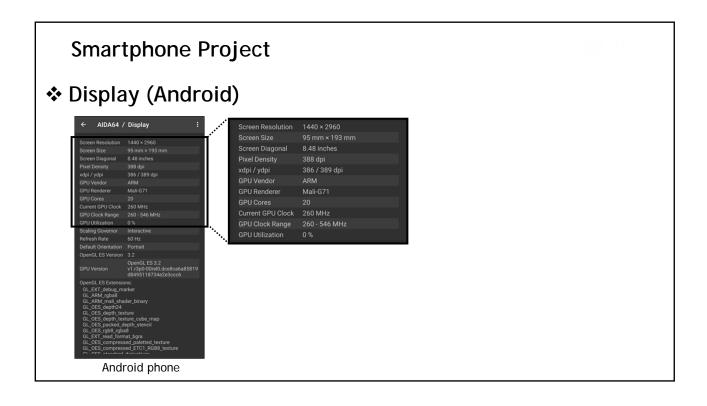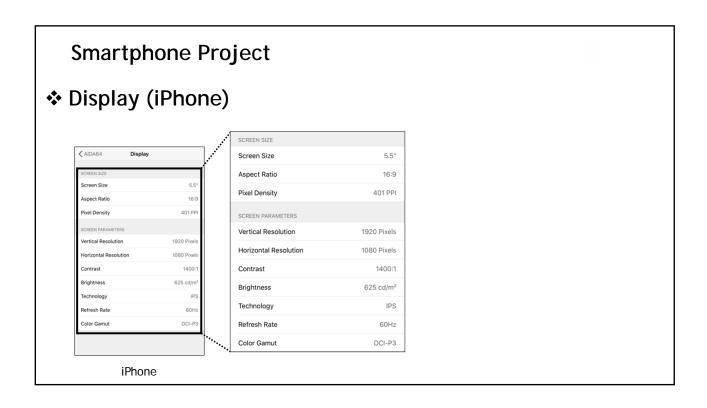|	AIDA64
64	Available at Play Store and App Store
	Android Google Play Store: https://play.google.com/store/apps/details?id=com.finalwire.aida64
	Apple App Store: https://itunes.apple.com/us/app/aida64/id979579523?mt=8

Smartphone Project

❖ Main page

Android phone   iPhone

Smartphone Project

❖ System (Android)

Android phone

Smartphone Project

❖ Device & Memory (iPhone)

Back	Device
BASIC PROPERTIES	
Device	iPhone 6s Plus
Dock Connector	Lightning
SIM Card Type	Nano-SIM
Device String	iPhone8,2
Device Id	N66AP
Released	25 Sep 2015
CAPABILITIES	
Cellular	Yes
GPS	Yes
NFC	Yes
Force Touch	Yes, 3D
BLUETOOTH	
Version	4.2

Back	Memory
STORAGE INFORMATION	
Device Model	64 GB
Total Storage	59.59 GB
Available Storage	7.44 GB
RAM INFORMATION	
Total RAM	1987 MB
Available RAM	66 MB

iPhone

Smartphone Project

❖ CPU / Processor (Android)

← AIDA64 / CPU	
SoC Model	Samsung Exynos 8 Octa (8890)
Core Architecture	4x ARM Cortex-A53 @ 1586 MHz 4x Samsung Exynos M1 @ 2600 MHz
Manufacturing Process	14 nm
Instruction Set	64-bit ARMv8-A
CPU Revision	r1p1
CPU Cores	8
CPU Clock Range	442 - 2600 MHz
Core 1 Clock	1586 MHz
Core 2 Clock	1586 MHz
Core 3 Clock	1586 MHz
Core 4 Clock	1586 MHz
Core 5 Clock	728 MHz
Core 6 Clock	728 MHz
Core 7 Clock	(sleeping)
Core 8 Clock	(sleeping)
CPU Utilization	45 %
Scaling Governor	interactive
Supported ABIs	arm64-v8a, armeabi-v7a, armeabi
Supported 32-bit ABIs	armeabi-v7a, armeabi

Android phone

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Smartphone Project

❖ CPU / Processor (iPhone)

iPhone

Smartphone Project

❖ Display (Android)

Android phone

Smartphone Project

❖ Display (iPhone)

iPhone

Smartphone Project

❖ Network (Android)

Smartphone Project

❖ Network (iPhone)

iPhone

Smartphone Project

❖ Sensor

Android phone   iPhone

Smartphone Project

❖ Operating System

Android 7.0 Nougat   iPhone iOS 11.2.1

Smartphone Project

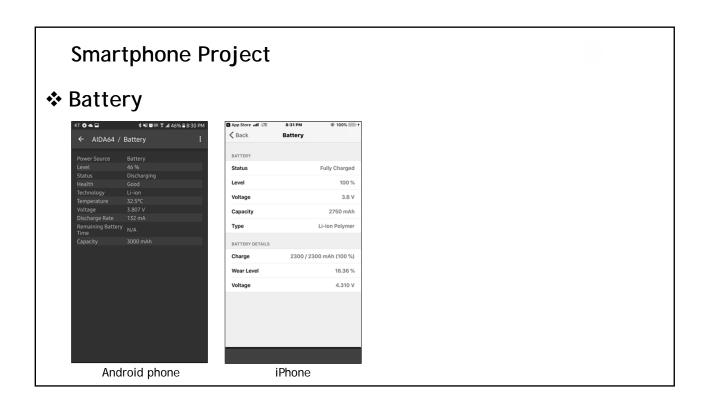### ❖ Battery

Android phone   iPhone

Smartphone & Mobile
Network Project
References

References

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