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WDL Systems

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Solution Overview	
Board Name:	A7520
Application:	Digital Signage, Other
Form Factor:	ITX

General	
AMD Processor:	AMD Embedded R-Series Platform
Graphics Processor:	AMD Radeon™ HD 7000G Series
Socket:	FS1r2
Chipset:	A75
Input Voltage:	12V Single Rail AC Adapter
Power Consumption:	120W
System Reset:	Button, Watchdog

Software	
OS Supported:	Windows® Embedded Compact 7, Windows® Embedded Standard 7, Windows® Vista, Windows® Embedded Standard 8, Windows® 7, Windows® 7 Professional, Linux®
API:	OpenGL 4.0, OpenCL™ 1.1, DirectX® 11
BIOS Supported:	AMI

Mechanical	
Physical Size:	170x170mm
Storage Temp:	-20 ~ 80 C
Operating Temp:	0 ~ 55 C
Humidity:	10 ~ 90%

Memory	
System RAM:	SODIMM, 8GB, DDR3, 2x, 1333/1066/800

Display	
Digital:	4x, HDMI, 1920 x 1080
TV-out:	N/A

Network Interface	
Ethernet:	RTL8111E, 10/100/1000 Base-T, RJ-45, WOL/PXE
Wireless:	Connector, PCIe Mini Card, 802.11b/g and n

Input/Output	
USB:	2x, TypeA, USB 3.0, Host 2x, TypeA, USB 2.0, Host 2x, Header, USB 2.0
PS/2 Ports:	None
Audio (Digital):	HD Audio
Audio (Analog):	Line Out, Line In, MIC
COM:	2x, D-SUB9, RS232

Expansion	
PCIe:	1x, PCIe, X4

Storage	
SATA:	1x, 3.0Gbps, 3.0 compliant