



## Industrial-strength reliable, Android signage player **MEP320**

The MEP320 is an Android based media player. With its thin form factor this SoC (system on chip) solution can be easily integrated into any scenario. Furthermore this media player is able to handle environments up to 50 degrees and has a lifespan of two years. This versatile device is ideal for the digital signage market or other verticals.

Its benefits include:

- + Runs on Android 4.2.2 OS
- + Automatic switch on when plugged in
- + The ability to schedule the power on/off via APAR
- + A thin form factor which is easily integrated in different designs
- + Comes with a second video output
- + A hidden Android navigation bar to avoid user tampering

# MEP320



Front



Back

Model name		MEP320	
<b>Feature</b>		An Android based signage player with industrial-strength reliability	
<b>Dimension</b>	W x H x D (mm)	166 x 154.5 x 23 mm	
	W x H x D (inch)	6.54 x 6.08 x 0.90 inch	
<b>Volume(liters)</b>		0.6L	
<b>Material</b>		SECC	
<b>CPU</b>	<b>Type</b>	Freescale i.MX6 Quad Cortex-A9 1.0 GHz	
<b>Memory</b>	<b>Technology</b>	DDR3 1066 MHz	
	<b>Capacity</b>	On-board DDR3 1GB	
	<b>Storage</b>	On-board Flash 8GB eMMC NAND Flash	
<b>Graphics</b>	<b>GPU</b>	Vivante GPU GC2000 +GC355+GC320	
	<b>2D/3D Accelerators</b>	OpenVG 1.1 for 2D; OpenGL ES 2.0 for 3D	
	<b>Video Acceleration</b>	H.264 HP, MPEG4 ASP, MPEG2 MP	
	<b>HDMI</b>	Resolution 1920 x 1080	
<b>LAN</b>	<b>Chip</b>	Base- T Ethernet Port 10/100/1000Mbps	
<b>Expansion</b>		Mini-card (USB 2.0 + PCIe 2.0) x1 SIMM card slot for 3G (optional) x1	
<b>Front Panel I/O</b>	<b>High-Speed USB 2.0 host ports</b>		x 4
	<b>OTG USB</b>		x 1
	<b>SD Card</b>		x 1
	<b>Audio</b>	<b>Line-out</b>	x 1
		<b>Mic-in</b>	x 1

<b>Rear Panel IO</b>	<b>HDMI Port</b>	x 2
	<b>COM Port</b>	x 1
	<b>DC 12V in</b>	x 1
	<b>Antenna Fixation Hole</b>	x 2
<b>Operating OS</b>		Android 4.2.2
<b>Connectivity Module (optional)</b>		WiFi 802.11 b/g/n 3G Bluetooth 2.1
Environment		
<b>MTBF</b>		50,000hrs
<b>Operating Temperature</b>		0 ~ 50°C (32 ~ 122°F)
<b>Storage Temperature</b>		-30 ~ 60°C (-22 ~ 140°F)
<b>Relative Humidity</b>		95% RH (50°C non-Condensing)
<b>Operating Vibration</b>		0.5Gms, Random, 10 ~ 500Hz,X,Y,Z 3Axes, 0.5hr/Axis
<b>Non-Operating Vibration</b>		2Gms, Random, 10 ~ 300Hz,X,Y,Z 3Axes, 1hr/Axis
<b>Operating Shock</b>		8G, Half sine, 11ms duration
<b>Non-Operating Shock</b>		50G, Half sine, 11ms duration

\*Accessories available on demand

Supports:



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