

# DuoVero Zephyr-Y Technical Specifications



CPU	
<b>Processor</b>	Texas Instruments OMAP4430
<b>Architecture</b>	ARM Cortex-A9
<b>Base Clock Speed</b>	1GHz
<b>Max Clock Speed</b>	1GHz
<b>Cores</b>	Dual Core
Memory	
<b>RAM</b>	1 GB LPDDR (PoP)
<b>Flash</b>	
Graphics	
<b>HD Graphics Acceleration</b>	PowerVR SGX540
<b>Open GL ES</b>	2.0
<b>Clock Speed</b>	200 MHz
<b>Digital Signal Processor</b>	C64x+
Communications	
<b>Wireless Module</b>	TIWiLink8
<b>WiFi</b>	802.11a/b/g/n
<b>Access Point Mode</b>	Yes
<b>Bluetooth</b>	4.0
<b>Antenna</b>	1 x u.fl Connector
Connectivity	
<b>Camera</b>	Dual OMAP ISS
<b>Storage Expansion</b>	microSD Card Slot
Breakout: 2 x 70 Pin DF40	
<b>UART</b>	3
<b>McBSP</b>	1
<b>CSI</b>	2

Power	
<b>Power Management</b>	Texas Instruments TWL6030
<b>Power Input</b>	3.3 - 4.2 V DC
Physical Specifications	
<b>Dimensions</b>	58mm L x 17mm W x 4.2mm H
<b>Weight</b>	5.6 g
<b>Operating Temperature</b>	0°C – 70°C
<b>RoHS Compliant</b>	Yes



1. Depending on expansion board and based on default muxings. Available GPIOs can be modified via kernel configuration.
2. GPMC availability depends on expansion board features.



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