

Product Engineering Spec

MXM-PARKXT-1G MXM3.0 Type A

Project Name: MXM-PARKXT-1G

Issue date:08/11/2010

Rev. 1.00

Revision Change History:

Revision	Date	Changed Contents	Modified by
1.0	08/11/2010	First Release	Ted Tung

1.0 GPU

TP	<input type="checkbox"/> nVidia	<input checked="" type="checkbox"/> AMD		
GPU Marketing Name	PatkXT			
GPU Core Name	Park-S3-XT p/n 216-0774009-00 [Device ID: 0x68E0]			
GPU Frequency	<input type="checkbox"/> 500MHz <input type="checkbox"/> 530MHz <input type="checkbox"/> 550MHz <input type="checkbox"/> 580MHz <input type="checkbox"/> 600MHz <input type="checkbox"/> 700MHz <input checked="" type="checkbox"/> Others _750_____			
GPU Power Consumption	Under 25W			
GPU's Supports	<input checked="" type="checkbox"/> DirectX 11	<input type="checkbox"/> DirectX 10.1	<input type="checkbox"/> Others _____	
	<input checked="" type="checkbox"/> Shader Model 4	<input type="checkbox"/> Shader Model 4.1	<input type="checkbox"/> Others _____	
	<input checked="" type="checkbox"/> Blue-Ray DVD			
GPU's Memory Interface	<input checked="" type="checkbox"/> 64bit	<input type="checkbox"/> 128bit	<input type="checkbox"/> 192bit	<input type="checkbox"/> 256bit

2.0 I/O

<input checked="" type="checkbox"/> VGA			
<input type="checkbox"/> TV-Out	<input type="checkbox"/> 4 pin	<input type="checkbox"/> 7 pin	
<input type="checkbox"/> DVI	<input type="checkbox"/> DVI-D	<input type="checkbox"/> DVI-I	
<input checked="" type="checkbox"/> LVDS			
<input type="checkbox"/> HDMI			

3.0 Memory

MEM Size	<input type="checkbox"/> 128M	<input type="checkbox"/> 256M	<input type="checkbox"/> 384M	<input type="checkbox"/> 512M	<input type="checkbox"/> 768M	<input checked="" type="checkbox"/> 1G
MEM Quantity	<input type="checkbox"/> 2pcs	<input checked="" type="checkbox"/> 4pcs	<input type="checkbox"/> 8pcs	<input type="checkbox"/> 12pcs	<input type="checkbox"/> 16pcs	
MEM Type	<input checked="" type="checkbox"/> DDR3(<input type="checkbox"/> 16x16 <input type="checkbox"/> 32x16 <input checked="" type="checkbox"/> 128x16)			<input type="checkbox"/> GDDR3 (<input type="checkbox"/> 8x32 <input type="checkbox"/> 16x32 <input type="checkbox"/> 32x32)		
MEM Vender	<input type="checkbox"/> Qimonda	<input checked="" type="checkbox"/> Samsung	<input checked="" type="checkbox"/> Hynix	<input type="checkbox"/> Others _____		
MEM clock	<input type="checkbox"/> 400MHz <input type="checkbox"/> 450MHz <input type="checkbox"/> 470MHz <input type="checkbox"/> 500MHz <input type="checkbox"/> 600MHz <input type="checkbox"/> 700MHz <input checked="" type="checkbox"/> 800MHz <input type="checkbox"/> 1 GHz <input type="checkbox"/> Others _____					

4.0 Thermal Solution

£ Active FanSink	£ Fan Controller Embedded(4 pin)	£ Fan Controller excluded(2 pin)
£ Passive HeatSink		
£ Heat Pipe		
Slot number	■ Single Slot	£ Dual Slot

5.0 Others

PCB Solder Mask	£ Green £ Red ■ Blue £ Others_____
VGA Max Resolution	£ 1600x1200 £ 1920x1200 £ 2048x1536 £ 2560x1600
DVI Max Resolution	£ 1600x1200 £ 1920x1200 £ 2048x1536 £ 2560x1600
HDMI Max Resolution	£ 1600x1200 £ 1920x1200 £ 2048x1536 £ 2560x1600
LVDS Max Resolution	£ 1600x1200 ■ 1920x1200 £ 2048x1536 £ 2560x1600
TV Max Resolution	£ 1600x1200 £ 1920x1200 £ 2048x1536 £ 2560x1600
Power Consumption	35W
PCB Size	£ MXM2 £ MXM 3.0 Type A ■ MXM 3.0 Type B
Logo Model Name	£Pegatron £Customized ■ None
EMI Logo	■ Pegatron £Customized £Others_____
Accessories	£DVI-VGA adapter £DVI-HDMI adapter £HDTV cable £HDMI-DVI adapter £DP-HDMI £DP-DVI £Others_____
3D Mark Performance	TBD
Surface Finishing Process	£ Immersion Silver ■ OSP (Entek)

6.0 Software (Features)

Driver Version	N/A
Diag Version	N/A
VBios Version	N/A

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