







Xuecon International Ltd

AM Model Panel PC Serial - 8inch / 10.4inch / 12.1inch

LCD Panel Specification - INTEL® Cedar Trail-D Processor D2550 (1.86GHz)				
Model Number	AMAS151T-KTN	AMAS170T-KTN	AMAS190T-KTN	AMAS215T-KTN
Viewable Size Image	15 inch (Diagonal)	17 inch (17.0" diagonal)	19 inch (19.0" diagonal)	21.5 inch (21.5" diagonal)
Active Display Area	304.128 (W) x 228.096 (V) mm (typ.)	337.920(W) x 270.336 (V)	376.32 (W) x 301.056 (V)	476.64 (W) x 268.11 (V)
Pixel Pitch	0.297(H) x 0.297(V) mm	0.264(H) x 0.264(V) mm	0.294(H) x 0.294(V)	0.294(H) x 0.294(V)
Resolution	1,024 (H) x 768(V) pixels	1280(H) x 1024 (V) pixels	1280(H) x 1024(V) pixels	1920(H) x 1080(V) pixels
Contrast Ratio	600 : 1 (typ.)	1000 : 1	1000:1 (typ.)	1000:1 (typ.)
Brightness	250 cd/m2	250 cd/m2	250 cd/m2 (typ.)	250 cd/m2 (typ.)
Viewing Angle	U/ D 80° / 80° ; L/ R 80° / 80°	U/D 60° / 70° , L/R 70° / 70°	U/D 80°85° ; L/R 85 ° ~85°	U/D 80°85° ; L/R 85 ° ~85°
Response Time	Tr/ Tf 8 ms	Tr/ Tf 5 ms	Tr/ Tf 5 ms	Tr/ Tf 5 ms
Recommend Resolution	1,024 (H) x 768(V)	1280x1024	1280(H) x 1024(V)	1980(H) x 1080(V)
Color Depth	16.7M	16.7M	16.7 M	16.7 M
Power Consumption	45 W typical, normal operation	45 W typical, normal operation	50 W typical, normal operation	50 W typical, normal operation
Touch (Optional)	5 -wires Resistive touch	5 -wires Resistive touch	5 -wires Resistive touch	5 -wires Resistive touch
System Specification				
Form Factor	48 x 102mm 3.5" SBC Form Facto	48 x 102mm 3.5" SBC Form Facto	48 x 102mm 3.5" SBC Form Facto	48 x 102mm 3.5" SBC Form Facto
Processor	INTEL® Cedar Trail-D Processor D2550 (1.86GHz)	INTEL® Cedar Trail-D Processor D2550 (1.86GHz)	INTEL® Cedar Trail-D Processor D2550 (1.86GHz)	INTEL® Cedar Trail-D Processor D2550 (1.86GHz)
System Chipset	INTEL®NM10 Express chipset	INTEL®NM10 Express chipset	INTEL®NM10 Express chipset	INTEL®NM10 Express chipset
System Memory	Support 1 * DDR3 1066MHz Single CH up to 4GB (D2550)	Support 1 * DDR3 1066MHz Single CH up to 4GB (D2550)	Support 1 * DDR3 1066MHz Single CH up to 4GB (D2550)	Support 1 * DDR3 1066MHz Single CH up to 4GB (D2550)
BIOS	AMI 16MB SMT Flash ROM	AMI 16MB SMT Flash ROM	AMI 16MB SMT Flash ROM	AMI 16MB SMT Flash ROM
LCD Support	Onboard 1 * 24-bits Dual channel & 1 * 18-bits Single LVDS connectors	Onboard 1 * 24-bits Dual channel & 1 * 18-bits Single LVDS connectors	Onboard 1 * 24-bits Dual channel & 1 * 18-bits Single LVDS connectors	Onboard 1 * 24-bits Dual channel & 1 * 18-bits Single LVDS connectors
Ethernet	2 * RTL8111E PCI-EVL Gigabit LAN	2 * RTL8111E PCI-EVL Gigabit LAN	2 * RTL8111E PCI-EVL Gigabit LAN	2 * RTL8111E PCI-EVL Gigabit LAN
Audio	Realtek ALC662 HD Audio CODEC with 4-Channel	Realtek ALC662 HD Audio CODEC with 4-Channel	Realtek ALC662 HD Audio CODEC with 4-Channel	Realtek ALC662 HD Audio CODEC with 4-Channel
Serial	3 x RS-232, 1 x RS-232/422/485*	3 x RS-232, 1 x RS-232/422/485*	3 x RS-232, 1 x RS-232/422/485*	3 x RS-232, 1 x RS-232/422/485*
USB	Embedded 7 * USB 2.0/1.1	Embedded 7 * USB 2.0/1.1	Embedded 7 * USB 2.0/1.1	Embedded 7 * USB 2.0/1.1

Graphics	Support DirectX 9 Graphics up to 640MHz	Support DirectX 9 Graphics up to 640MHz	Support DirectX 9 Graphics up to 640MHz	Support DirectX 9 Graphics up to 640MHz
Storage	1 * Serial ATAII 3Gb/s connectors 1 * CFast card socket	1 * Serial ATAII 3Gb/s connectors 1 * CFast card socket	1 * Serial ATAII 3Gb/s connectors 1 * CFast card socket	1 * Serial ATAII 3Gb/s connectors 1 * CFast card socket
Expansion Slots	1 * MINI PCI-E	1 * MINI PCI-E	1 * MINI PCI-E	1 * MINI PCI-E
System Specification				
Operating Temperature	-10 ~ 60°C	- 10 ~ 60°C	- 10 ~ 60°C	- 10 ~ 60°C
Storage Temperature	-20 ~ 80°C	- 20 ~ 80°C	- 20 ~ 80°C	- 20 ~ 80°C
Dimensions(WXHXD)	393 (W)x 318 (H)x 70 (D) mm (TBD)	398 (W) x 323 (H)x 72 (D) mm (TBD)	406 (W)x 334 (H)x 72 (D) mm (TBD)	495 (W)x 493 (H)x 75 (D) mm (TBD)
Net Weight	5 kg	5 kg	5 kg	5.5 kg
IO Interface				
I / O Interface	4 * USB 2.0/1.1 ports 2 * RJ-45 ports 1* Line-out port 1 * DVI-I port 1 1* 12V DC-IN JACK 3* RS232 1* RS232/422/485 1* Power Key	4 * USB 2.0/1.1 ports 2 * RJ-45 ports 1* Line-out port 1 * DVI-I port 1 1* 12V DC-IN JACK 3* RS232 1* RS232/422/485 1* Power Key	4 * USB 2.0/1.1 ports 2 * RJ-45 ports 1* Line-out port 1 * DVI-I port 1 1* 12V DC-IN JACK 3* RS232 1* RS232/422/485 1* Power Key	4 * USB 2.0/1.1 ports 2 * RJ-45 ports 1* Line-out port 1 * DVI-I port 1 1* 12V DC-IN JACK 3* RS232 1* RS232/422/485 1* Power Key
Accessories				
Accessories page	 DVI –I to CRT Converter / User manual / Recovery CD	 DVI –I to CRT Converter / User manual / Recovery CD	 DVI –I to CRT Converter / User manual / Recovery CD	 DVI –I to CRT Converter / User manual / Recovery CD

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