

Xuecon International

Display Solutions At Your Fingertips



AM Model Panel PC Serial 12.1inch ~ 19inch

- ★ 5-wire Resistive type touch screen / (Option Capacitive Type)
- ★ Fan less system with INTEL®BayTrail-MN2930 SoC Processor (QC, 1.83GHz)
- ★ 2 * Gigabit LAN
- ★ Flexible expansion interfaces:
 - ★ 1* MINI PCI-E
- ★ Four USB ports:
 - ★ 4 x USB 2.0 1.1 ports
 - ★ RJ-45 ports
- ★ Four serial ports:
 - ★ 3 x RS-232 (DB-9)
 - ★ 1 x RS-232/422/485 (DB-9)
- ★ Digital signal input port:
 - ★ 1x DVI input
- ★ IP 64 compliant system
- ★ RoHS compliance
- ★ Applications: Public Reception
 - ◎ Transportation
 - ◎ Government Agencies
 - ◎ ATM / Kiosks / Touch Phones
- ★ 0°C ~ + 60 °C Range operating temperature
- ★ VESA Mounting for Wall mounting 75x75 mm

Pictures and Drawing



Specification:

Typical Specification	12.1" Panel PC	15" Panel PC	17" Panel PC	19" Panel PC
Model No.	AMAS121T-RON	AMAS151T-RTN	AMAS171T-RON	AMAS191T-RON
Viewable Size Image	30.7 cm (12.1 inches)	38.0 cm (15.0 inches)	432(17.0")	482.6 (19.0" l)
Active Display Area	246(H) x 184.5(V)	304.128 (W) x 228.096 (V)	337.920(W) x270.336 (V)	376.32 (W) x301.056 (V)
Pixel Pitch	0.3075 (H) x 0.3075 (V)	0.297(H) x 0.297(V) mm	0.264(H) x0.264(V) mm	0.294(H) x 0.294(V)
Resolution	800X3 (RGB) X600	1,024 (H) x 768(V) pixels	1280(H) x 1024 (V) pixels	1280(H) x 1024(V) pixels
Contrast Ratio	600:1 (typ.)	600 :1 (typ.)	1000 : 1 (Typ.)	1000:1 (typ.)
Display Color	16.2M / 262K colors	16.7M	16.7M	16.7M
Brightness	250 cd/m2 (typ.)	250 cd/m2	250 cd/m2	350 cd/m2
Viewing Angle	U/ D 80° / 80° ; L/ R 80° /80°	U/ D 80° / 80° ; L/ R 80° /80°	U/D 60° / 70° , L/R 70° / 70°	U/D 80°85° ; L/R 85° ~85°
Response time	35 ms (typ.)	8 ms (typ.)	5 ms(typ.)	5 ms(typ.)
Power Consumption	45W typical, normal operation	45W typical, normal operation	45 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
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® Celeron Processor BayTrail-MN2930	INTEL® Celeron Processor BayTrail-MN2930	INTEL® Celeron Processor BayTrail-MN2930	INTEL® Celeron Processor BayTrail-MN2930
System Chipset	INTEL®NM10 Express chipset	INTEL®NM10 Express chipset	INTEL®NM10 Express chipset	INTEL®NM10 Express

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-EV Gigabit LAN	2 * RTL8111E PCI-EV Gigabit LAN	2 * RTL8111E PCI-EV Gigabit LAN	2 * RTL8111E PCI-EV 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
Storage	1 * Serial ATAII 3Gb/s connectors	1 * Serial ATAII 3Gb/s connectors	1 * Serial ATAII 3Gb/s connectors	1 * Serial ATAII 3Gb/s connectors
Dimensions(WXHxD)	350(W)x290(H)x76(D)mm (TBD)	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)
Expansion Slots	1 * MINI PCI-E	1 * MINI PCI-E	1 * MINI PCI-E	1 * MINI PCI-E
Operating Temperature	20 ~ 80°C	-10 ~ 60°C	-10~ 60°C	-30 ~ 85°C
I / O Interface	USB 2.0/1.1 ports * 4 RJ-45 ports * 2 Line-out port * 1 DVI-I port 1 12V DC-IN JACK * 1 RS232 * 3 RS232/422/485 * 1 Power Switch * 1	USB 2.0/1.1 ports * 4 RJ-45 ports * 2 Line-out port * 1 DVI-I port 1 12V DC-IN JACK * 1 RS232 * 3 RS232/422/485 * 1 Power Switch * 1	USB 2.0/1.1 ports * 4 RJ-45 ports * 2 Line-out port * 1 DVI-I port 1 12V DC-IN JACK * 1 RS232 * 3 RS232/422/485 * 1 Power Switch * 1	USB 2.0/1.1 ports * 4 RJ-45 ports * 2 Line-out port * 1 DVI-I port 1 12V DC-IN JACK * 1 RS232 * 3 RS232/422/485 * 1 Power Switch * 1

*** All product specifications are subject to change without notice**

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