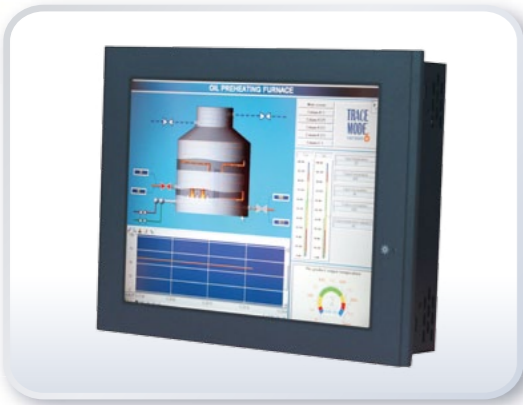


### Features



- Fanless
- SAMSUNG® S3C2440A-40 400 MHz CPU
- 128MB NAND Flash, 2MB NOR Flash
- DC 9~32V wide-ranging power input
- NEMA 4/IP 65 compliant front panel
- Sealed resistive touch screen
- SDHC, Plug play supported

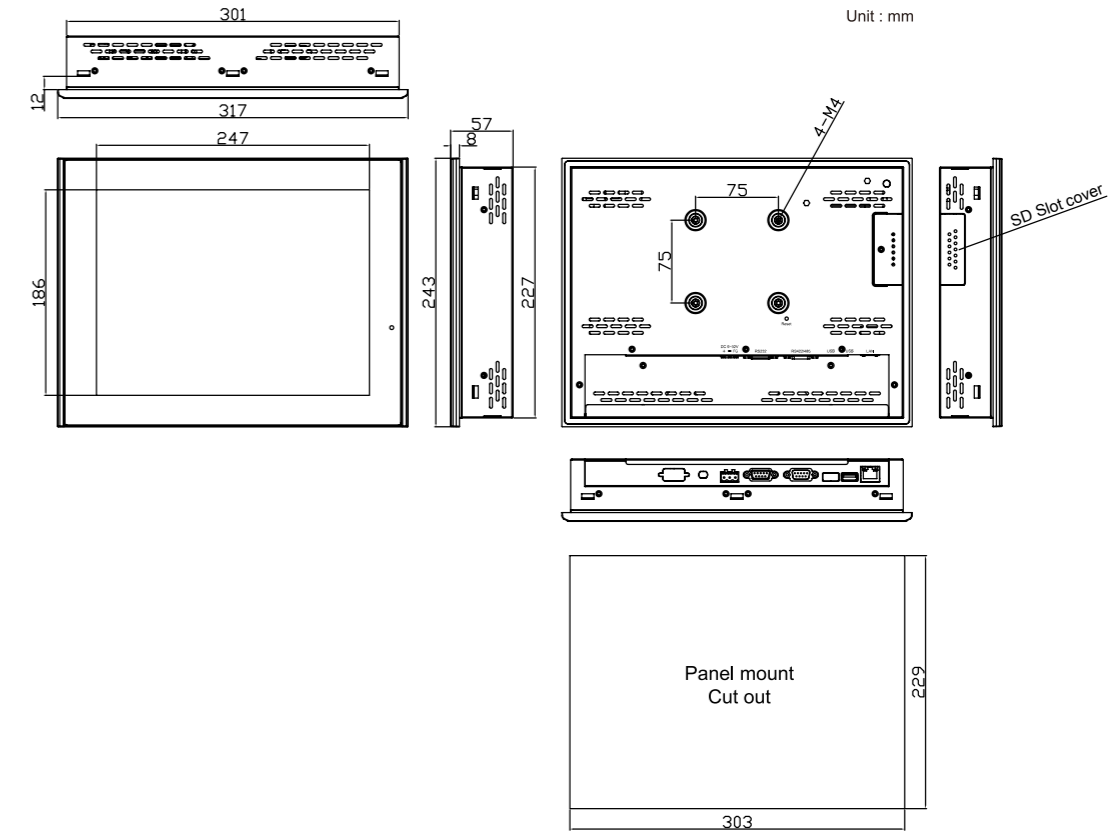


### Specifications



System	
Processor	SAMSUNG® S3C2440A-40 400 MHz CPU
System Memory	128MB SDARM
System Chipset	N/A
External I/O Port	<ul style="list-style-type: none"> <li>• 2 x USB 1.1 Host connector</li> <li>• 1 x RJ-45 port</li> <li>• 1 x DB-9 (COM 1, RS-232)</li> <li>• 1 x DB-9, COM2 (RS-422/485 selection, default RS-485)</li> <li>• 1 x Audio, Line-out</li> <li>• 1 x DC power input</li> </ul>
Storage	<ul style="list-style-type: none"> <li>• 128MB NAND Flash</li> <li>• 2MB NOR Flash</li> <li>• 1 x SD slot (standard SD/SDHC card, up to 32GB, support Plug &amp; Play)</li> </ul>
Expansion Slots	None
OS Support	Windows® CE 5.0
LCD	
Display Type	12.1" TFT-LCD
Max. Resolution	800x600
Max. Color	262K
Luminance (cd/m <sup>2</sup> )	350
View Angle	H:140° / V:110°
Backlight Lifetime	50,000 hrs
Touch Screen	
Type	Sealed analog resistive
Light Transmission	80%
Power Supply	
Power Input	DC 9~32V

### Dimension



Mechanical	
Construction	Plastic molding front panel and metal housing
IP Rating	NEMA 4/ IP 65 compliant front panel
Mounting	Panel / VESA 75x75 Mount
Dimension	317(W) x 243(H) x 57(D)mm
Net Weight	2.8 kgs
Environmental	
Operating Temperature	0~50 °C
Storage Temperature	-20~60 °C
Storage Humidity	10~90% @40 °C, non-condensing
Certificate	Meet CE/FCC Class A
Ordering Information	
AHM-6120	12.1" Fanless HMI w/SAMSUNG® S3C2440A
AHM-6120T	12.1" Fanless HMI w/SAMSUNG® S3C2440A with touch screen