

# Th-1235

## RISC based HMI Computing Series



Fanless 12.1 inch 450 nits HMI with 800 x 600 screen resolution based around TI Sitara AM3517 ARM Cortex-A8 processor.



### System

CPU	TI Sitara AM3517 @ 600 MHz
Memory	256 MB DDR2
Storage	512 MB NAND Flash
Supported OS	Linux 2.6.x, Windows CE6, Android

### Interfaces

Connectors	12 VDC in, microSD cardslot, 4 USB Host, 2 RS-232 of which 1 is switchable RS-232/ 422/ 485, CAN bus, LAN
Buttons	8 software programmable buttons
Dipswitch	8 position programmable piano dipswitch

### Display

Graphic capabilities	POWERVR SGX 530 10Mpolys/s
API support	OpenGL 2.0, OpenGL ES 1.1, OpenVG 1.0
Screen	12.1" LCD display
Resolution	800 x 600 pixels
Maximum colors	262K
Luminance	450 cd/m <sup>2</sup>
Touchscreen	4 wire resistive

### Power

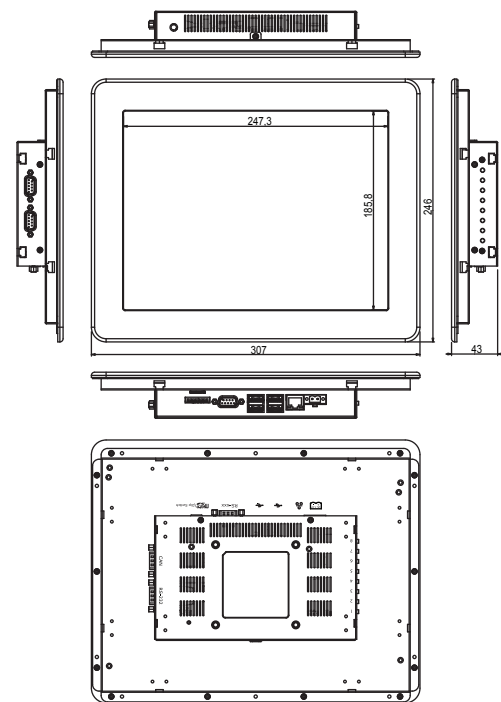
Input power	12 VDC
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### Environmental and Mechanical

Temperature	0° to 50° C
Humidity	10-90%
Dimensions	307 x 246 x 43 mm 12 x 9 <sup>5</sup> / <sub>8</sub> x 1 <sup>1</sup> / <sub>4</sub> inch
MTBF	>50,000 hours
Weight	2.9 Kg
Certification	CE, FCC, RoHS compliant

### Dimensions

units in mm



### Order Information

Th-1235	12.1 inch HMI with TI AM3517
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### Options

Wireless LAN	802.11b/g integrated module
Speakers	2 Watt speakers (2x)
Magnet front bezel	magnetic mounted bezel

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