

# Th-0635

## RISC based HMI Computing Series



Fanless 6.5 inch HMI with 640 x 480 screen resolution based around TI Sitara AM3517 ARM Cortex-A8 processor.

This superb HMI with 800 nits display is highly desirable where sunlight applications are concerned



### 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
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### Display

Graphic capabilities API support	POWERVR SGX 530 10Mpolys/s OpenGL 2.0, OpenGLs 1.1, OpenVG 1.0
Screen	6.5 inch LCD display
Resolution	640 x 480 pixels
Maximum colors	262K
Luminance	800 cd/m <sup>2</sup>
Touchscreen	4 wire resistive

### Power

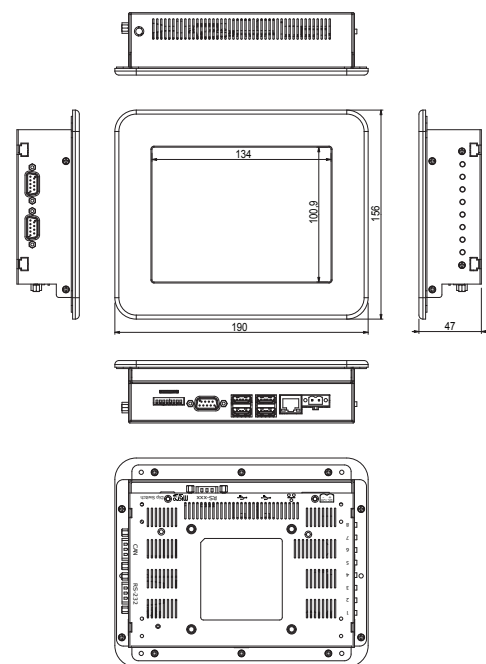
Input power	12 VDC
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### Environmental and Mechanical

Temperature	0° to 50° C
Humidity	10-90%
Dimensions	190 x 156 x 47 mm 7½ x 6¼ x 1⅞ inch
MTBF	>50,000 hours
Weight	1.4 Kg
Certification	CE, FCC, RoHS compliant

### Dimensions

units in mm



### Order Information

Th-0635 6.5 inch HMI with TI AM3517

### Options

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



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