

# Th-1035W

## RISC based HMI Computing Series



## Key Features

10.1 inch widescreen HMI based around TI Sitara AM3517 ARM Cortex-A8 processor.

NEMA 4/IP65 compliant front panel and 12 VDC input voltage to fit industrial or automation applications.

Two serial ports, 4 USB, LAN and CAN bus to connect and control external devices.

Board Support Packages (BSP) available to create your own applications ranging from Windows CE to Linux and Android

## Specifications

### System

CPU	TI Sitara AM3517 @ 600 MHz
Memory	256 MB DDR2
Storage	256 MB NAND Flash
Supported OS	Linux 2.6.x, Windows CE 6, Android

### Interfaces

Connectors	12 VDC in, microSD cardslot, 4 USB Host, USB Client, 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, OpenGLes 1.1, OpenVG 1.0
Screen	10.1" wide LCD display
Resolution	1024 x 600 pixels
Maximum colors	262K
Luminance	180 cd/m <sup>2</sup>
Touchscreen	4 wire resistive

### Power

Power requirements	12 VDC
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### Environmental and Mechanical

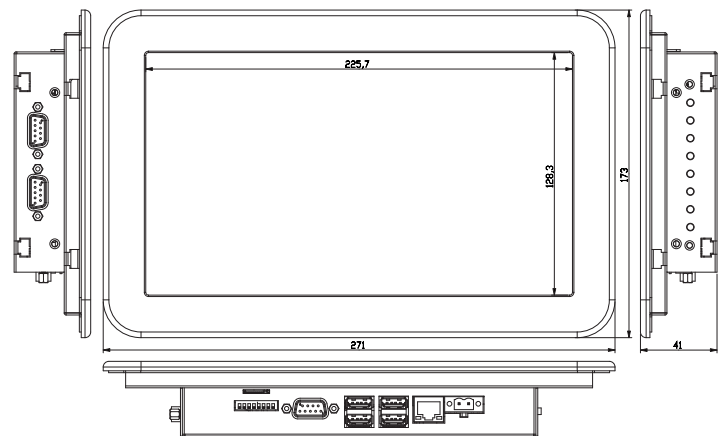
Temperature	0° to 50° C
Humidity	10-90%
Dimensions	271 x 173 x 41 mm 10 <sup>5</sup> / <sub>8</sub> x 6 <sup>7</sup> / <sub>8</sub> x 1 <sup>5</sup> / <sub>8</sub> inch
MTBF	>50,000 hours
Weight	1.1 Kg
Certification	CE, FCC, RoHS compliant

### Options

Wireless LAN	802.11b/g integrated module
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## Dimensions

units in mm



## Order Information

Th-1035W                      10.1 inch wide HMI with TI AM3517

Other configurations such as different CPU, optional interfaces, storage capacities and silver anodized bezel are available on project basis.

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