

Th-0735W

RISC based HMI Computing Series



Key Features

7 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	POWERVR SGX 530 10Mpolys/s
API support	OpenGL 2.0, OpenGL ES 1.1, OpenVG 1.0
Screen	7" wide LCD display
Resolution	800 x 480 pixels
Maximum colors	262K
Luminance	350 cd/m ²
Touchscreen	4 wire resistive

Power

Power requirements	12 VDC
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Environmental and Mechanical

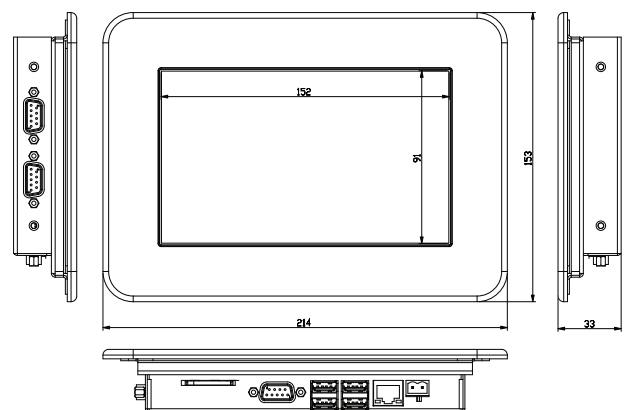
Temperature	0° to 50° C
Humidity	10-90%
Dimensions	214 x 153 x 33 mm 8 3/8 x 6 x 1 1/4 inch
MTBF	>50,000 hours
Weight	1 Kg
Certification	CE, FCC, RoHS compliant

Options

Wireless LAN	802.11b/g integrated module
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Dimensions

units in mm



Order Information

Th-0735W 7 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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