Th-1035

RISC based HMI Computing Series

Key Features

10.4 inch fanless HMI based around TI Sitara AM3517 ARM Cortex-A8 processor.

NEMA 4/IP65 compliant front panel to fit extreme industrial 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, Android and Qt.

Specifications

System

CPU	TI Sitara AM3517 ARM Cortex A8 @ 500 MHz
Memory	256 MB DDR2
Storage	256 MB NAND Flash
Supported OS	Linux 2.6.x, WinCE 6, Android

Interfaces

Connectors	microSD cardslot, USB Host (4x), USB Client, RS-232 (2x) of which 1 switchable RS-485, CAN bus, LAN

Display

Graphic capabilities	POWERVR SGX 530 10Mpolys/s
API support	OpenGL 2.0, OpenGLes 1.1, OpenVG 1.0
Screen	10.4” LCD display
Resolution	800 x 600 pixels
Maximum colors	16.2 million
Luminance	400 cd/m²
Touchscreen	4 wire resistive

Power

Power requirements	12 VDC

Environmental and Mechanical

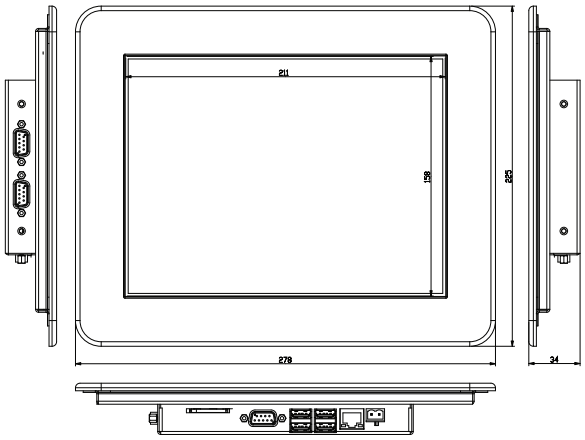
Temperature	0° to 50° C
Humidity	10-90%
Dimensions	278 x 225 x 34 mm 10⅞ x 4⅞ x 1⅜ inch
MTBF	>50,000 hours
Weight	1.5 Kg
Certification	CE, FCC

Options

Wireless LAN	TI 802.11b/g

Dimensions

units in mm



Order Information

Th-1035	10.4 inch HMI with AM3517

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

TechNexion

Phone: +886-2-8227-3585
E-mail: sales@technexion.com
Web: http://www.technexion.com

All specifications are subject to change without notice