

Th-0835

RISC based HMI Computing Series



Fanless 8.4 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, OpenGLs 1.1, OpenVG 1.0
Screen	8.4" LCD display
Resolution	800 x 600 pixels
Maximum colors	262K
Luminance	450 cd/m ²
Touchscreen	4 wire resistive

Power

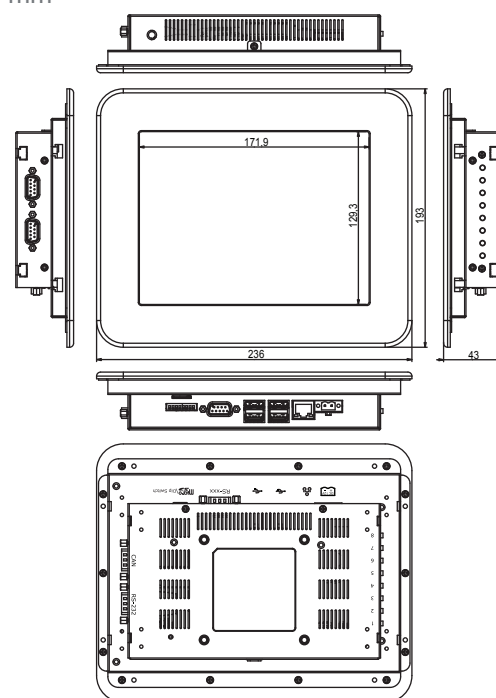
Input power	12 VDC
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Environmental and Mechanical

Temperature	0° to 50° C
Humidity	10-90%
Dimensions	236 x 193 x 43 mm 9¼ x 7⅝ x 1¾ inch
MTBF	>50,000 hours
Weight	1.9 Kg
Certification	CE, FCC, RoHS compliant

Dimensions

units in mm



Order Information

Th-0835	8.4 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

TechNexion

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

