

TIM-5450

Embedded
Mainboard

COMING SOON



Key Features

Lively 3D multimedia experience with surround 7.1 HD audio, OpenGL supported displays and touch sensor interface.

Integrated multireader that reads SD, XD, MMC, MS and all their variants.

Four serial ports, 8 GPIO's and 8 USB to connect and control external devices.

8 programmable LED's to simplify support to field service engineers.

Specifications

System

CPU	Intel Atom N450 single core @ 1.66 Ghz
Memory	1x DDR2 SO-DIMM Max. 2GB
Chipset	ICH8
Graphic interfaces	VGA by pinheader Dual channel LVDS upto 18 bit
Touchpanel	5 wire resistive touchcontroller
Audio Chipset	Realtek ALC888 7.1 audio, S/PDIF, microphone, 2 Watt amplified speaker L/R
BIOS	AMI BIOS
Supported OS	Linux 2.6.x, OpenEmbedded, Windows

Communication Interfaces

Ethernet	2x Marvell Gigabit RJ-45
By connector	USB 2.0 (4x), RS-232 (1x)
By pinheader	LPT, digital IO (8x), USB 2.0 (4x), RS-232/422/485 (switch select)(1x)

Expansion and storage

On board storage	NAND 64/128/256/512/1024 MB
Multi Cardreader	SD, MMC, XD, MS supported
Cardslot	CF card slot (optional)
Expansion slots	mini-PCI, mini-PCIe
On board	3x SATA 1x IDE 44 pin interface

Power

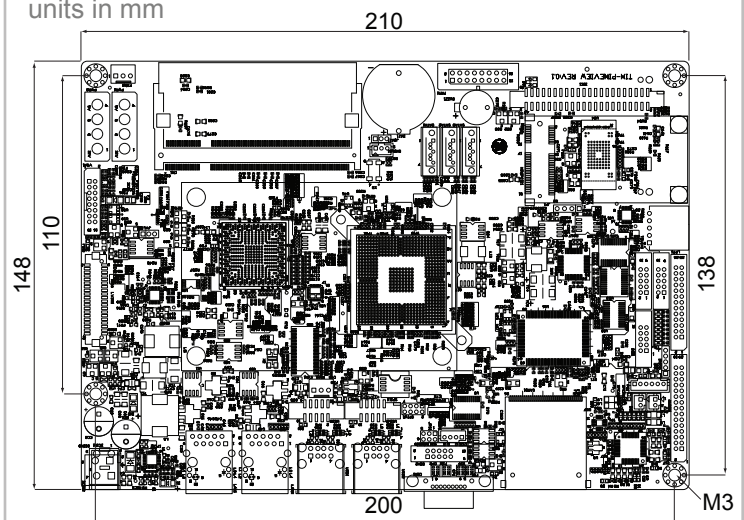
Power requirements	12V DC or wide voltage (6-30VDC)
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Environmental and Mechanical

Temperature	0° to 60° C
Humidity	10-90%
Dimensions	210 x 148 mm (A5 paper size)
Weight	550 grams

Dimensions

units in mm



Order Information

TIM-5450-256 256MB NAND flash

Other configurations such as different CPU, optional interfaces and storage capacities on project basis

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