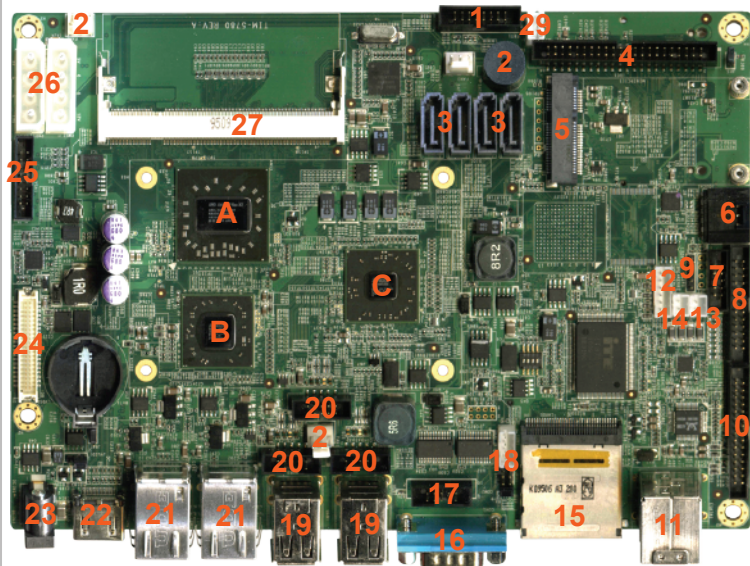


TIM-5780

Embedded Mainboard



AMD780 Full HD 3D multimedia experience with surround 7.1 HD audio, touchscreen interface and 12VDC power input.

Various storage possibilities ranging from CF card, IDE or SATA .

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

Two serial ports, 8 GPIO's and 10 USB to connect and control external devices.



System

CPU	Dualcore AMD Athlon X2 @1.5GHz
Memory	2x DDR2 SO-DIMM Max. 4GB (A)
Chipset	AMD M780E + SB710 (B, C)
Graphic interfaces	HDMI connector upto 1080p (22) VGA by pinheader (25) Dual channel LVDS upto 24 bit(24) 5 wire resistive touchcontroller (6)
Touchpanel	Realtek ALC888
Audio Chipset	7.1 audio, S/PDIF, microphone (10) 2 W amplified speaker L/R (13,14)
BIOS	AMI BIOS or Opensource Coreboot
Supported OS	Linux 2.6.x, Windows XP/Vista/7

Communication Interfaces

By connector	DC-in(23), Marvell Gigabit RJ-45 (2x)(21), HDMI(22), USB2.0(4x)(19) RS-232 (16), multicard reader (15), eSATA (2x)(11)
By pinheader	LPT (8), digital IO (8x)(7), USB 2.0 (6x)(20), RS-232/422/485 (switch select)(18)

Expansion and Storage

Multi Cardreader	SD, MMC, XD, MS cards (15)
Expansion slots	mini-PCIe (5)
On board	4xSATA with RAID 0,1,10 support(3) 2x eSATA ports (11), 1x IDE 44 pin interface (4)

Power

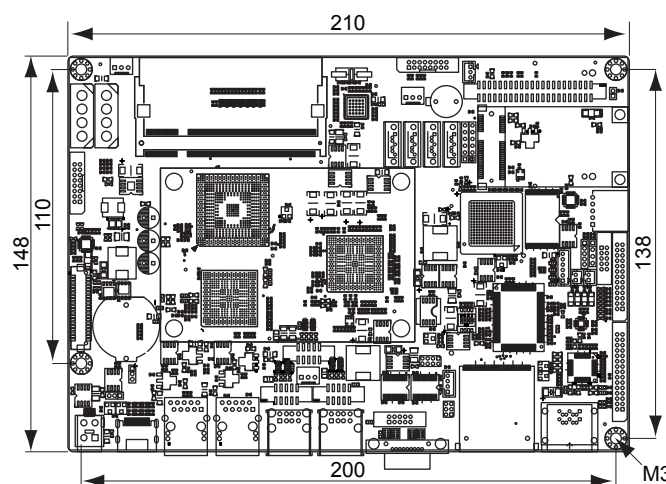
Input power	12 VDC
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Environmental and Mechanical

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

Dimensions

units in mm



Order Information

TIM-5780-A15	Standard with Athlon X2 1.5GHz
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Options

On board storage	1GB NAND Flash (linux only)
Expansion slots	CF card slot / mini-PCI (bottom)

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