

Product Name: EITX-3001-1N13A1
Manufacturer: VIA
Model Number: CMVIEITX-3001-1N13A1

- Em-ITX form factor: 17cm (W) x 12 cm (L)
- Low profile design
- Dual-sided I/O coastlines
- Integrated VIA Chrome9 HCM with DX9 3D/2D graphics
- Hardware acceleration for MPEG-2, WMV9, VC1, and H.264 codecs
- Versatile display configuration inc. VGA, HDMI and LVDS multi-display
- Gigabit Networking
- COM ports inc. dual RS-232 and dual RS-232/422/485
- Five USB 2.0 host ports and one USB device port
- Supports 5-wire/4-wire resistive touch interface connector
- Fanless and ultra low power consumption

Processor System	Processor	1.3GHz VIA Nano™ E
	Front Side Bus Speed	800 MHz
	L2 Cache	1 MB
	Chipset	VIA VX855 Unified Digital Media IGP chipset
	BIOS	AMI BIOS, 8MBit SPI Flash BIOS
	System Power Management	Timers Power On ACPI supported
Memory	Technology	1 x DDR2 800/667/533 MHz 200-pin SDRAM SODIMM socket
	Max. Capacity	Up to 2GB memory size

Graphic	Controller	Integrated VIA Chrome 9™ HCM DX9 3D/2D graphics & video processor, built-in Unified Video Decoding Accelerator, supports MPEG-2, WMV9/VC1, and H.264 video decoding acceleration
	Display Memory	Optimized Unified Memory Architecture (UMA), Supports up to 512 MB frame buffer using system memory
	CRT Interface	Onboard 1 x VGA connector as JVGA1Supports CRT resolution up to 1920 x 1440
	LVDS Interface	Supports 1 x 24-bit single-channel LVDS interface with inverter control signals by an onboard 2x15-pin wafer box connector as LVDS1Panel resolution support up to WXGA (1366 x 768)Onboard 5V/3.3V LCD power switch (default at 3.3V)
	HDMI Interface	AD 9389B HDMI transmitterOnboard 1 x dual-link HDMI connector with flange as JHDMI
	Dual Independent Display	Supports CRT + LVDS , CRT + HDMI and LVDS + HDMI at same resolutions, same pixel depths, and same refresh rates
Ethernet	Controller	VIA VT6122 Gigabit Ethernet controller
	Interface	Supports 1 x RJ-45 connectorSupports Wake On LAN (WOL)Supports Preboot Execution Environment (PXE)
HD Audio	Controller	VIA VT1708B High Definition Audio CodecOnboard TI TPA1517 6-W stereo Audio power amplifier
	Interface	Supports Line-in, Speaker-out, Mic-in connectors by 3*3.5Ø audio jacks

Serial	USB Host port	Supports 6 x USB 2.0 host ports in: 4 x USB 2.0 host ports by 2 pairs of double mini-DIN connector as ••USB1~USB4 Reserved 1 x USB 2.0 port by a 1 x 6-pin header with support of ••individual VCC power for connection with VIA EMIO-1530 Wireless LAN as JWLAN1
	USB Device Port	Supports 1 x USB device port by a mini-DIN connector
	Serial Ports	Fintek F81865 LPC I/O controller Supports 4 x COM ports in: 2 x RS-232/422/485 by two DB-9 connectors as COM 1 and COM ••2, configurable via BIOS setup. Supports RS-485 AutoFlow control functions of COM1 and COM2 2 x RS-232 by two 2x5-pin headers as COM 3 and COM 4••
Resistive Touch	Controller	EETI ETP-CP-S5XU resistive touch panel controller
	Interface	1 x 5-wire/4-wire resistive touch sensor interface by a 1 x 5pin header as TOUCH _R1
DIO	Digital I/O	1 x 2 x6-pin header. Supports 8-bit GPIO, with 5VDC and 12VDC power source
PS2	Keyboard & Mouse	1 x 2x5-pin header. Supports PS2 keyboard/mouse interface
Storage interface	Serial ATA	JMicron JMH330 SATA controller1 x SATA II port, maximum data transfer rate up to 300MB/sOnboard power connector output 5V support 2.5" SATA hard disk drive
	Compact Flash	1 x Onboard socket. Supports type I/II CompactFlash disk
H/W Monitoring	Temperature Sensor	Built-in one Thermal Sensor by onboard 1x3-pin headers
System Indicator	Power Status LED	1 x Green color LED
	HDD Activity LED	1 x Red color LED

Watchdog Timer	Output	System reset
	Interval	Programmable 1~255 sec
Onboard I/O Connectors	Front I/O Coastline	1 x HDD & PWR LED2 x RS-232 / 422 / 485 as COM 1 and COM21 x USB device port by a mini-DIN connector1 x 2-pole of Phoenix power input connector1 x ATX power on/off switch
	Rear I/O Coastline	1 x VGA connector 1 x Dual-Link HDMI connector with flange as JHDMI4 x USB 2.0 host port by 2 pairs of double mini-DIN connector as USB1~USB41 x RJ45 connector for Gigabit Ethernet connection as J13 x 3.5Ø audio jacks as Mic-in Line-in, and Speaker-out
Onboard I/O Pin-headers	Onboard I/O Pin-headers	2 of 2 x 5-pin headers for 2 x RS-232 as COM 3 and COM 42 of 1 x 3-pin headers for 5V/12V selection of COM3 and COM41 of SATA data connector1 of SATA power connector support of 5V for 2.5" HDD1 of 2 x 6-pin header support 8-bit GPIO, with 5VDC and 12VDC power source1 of 1 x 3-pin header for thermal sensor as SEN11 of 1 x 6-pin header for connection with VIA EMIO-1530 wireless LAN card1 of 2 x 15-pin header for signal channel LVDS interface as LVDS1 1 of 1 x 3-pin header for LCD Power 3.3v/5V selection1 of 2 x 5-pin header support PS2 keyboard/mouse interface1 of 1 x 3-pin header for selecting the AT or ATX mode
Onboard DC to DC Power Supply	Input Voltage	Built-in onboard DC-to-DC converterAccepts wide range of Power Input of DC 7V ~ 36VSupports AT and ATX mode
	Power Input Connector	1 x 2-pole Phoenix connector
	AT/ATX Selector	Onboard AT/ATX switch by a 3-pin headers
	Fuse Rating	7 A / 125 V

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Heatsink	Construction	Aluminum modeling
	Dimensions (WxHxD)	230.45 mm x 34 mm x 124.8 mm
Physical Characteristics	Form Factor	Em-ITX
	Board Dimension	17 cm (W) x 12 cm (L)
	Weight	1 Kg (net weight of board plus heatsink only)
Environmental Specification	Operating Temperature	-10°C ~ 60 °C
	Storage Temperature	-20°C ~ 70 °C
	Operating Humidity	10% ~ 90%, relative humidity, non-condensing
Software Compatibility	Operation System	Microsoft Windows XP, Windows 7, Microsoft Windows XP Embedded

Specifications

Ce produit a ete rajouté a notre catalogue le vendredi 20 janvier 2012