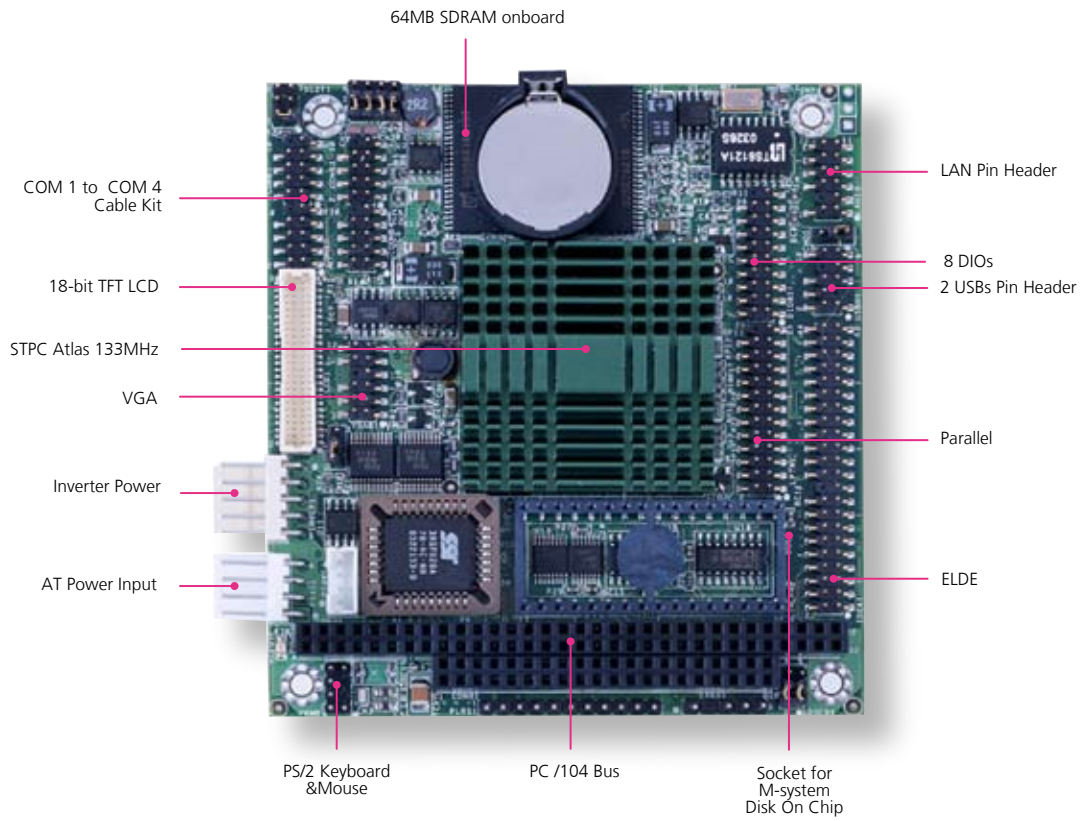


# PC-2400A

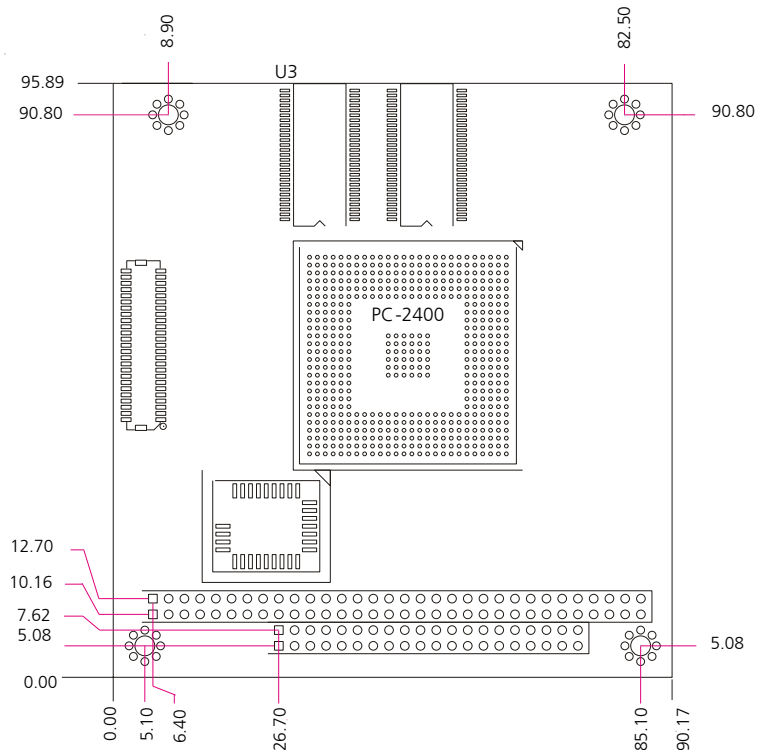
PC/104 CPU Module with VGA/ LCD/ LAN/ DOC

- VGA
- LCD
- LAN
- DOC
- USB
- PC/104+



## FEATURES

- STPC Atlas 133 Fanless processor on board
- Support M-system DiskOnChip
- 10/100M Base-T Fast Ethernet
- Onboard 64MB SDRAM
- 18-bit TFT LCD panel support
- 4 COMs / 1 Parallel / 2 USBs / 1 IrDA



FEATURE	DESCRIPTION		
<b>Platform</b>	Form Factor	PC/104	
	Processor	Onboard STPC Atlas 133MHz	
	Chipset	STPC Atlas	
	BIOS	Award Flash BIOS	
<b>System Memory</b>	Technology	SDRAM	
	Onboard	64MB Onboard	
	Max Capacity	64MB	
<b>Storage Interface</b>	IDE Interface	IDE x1	
	DOC	DOC socket x1, supports M-system DickonChip 2000 Flash memory module	
<b>Networking</b>	Speed	10/100 Mbps	
	I/O	Pin-header	
	Controller	RealTek RTL8100C	
<b>Display</b>	Controller	STPC Atlas	
	Output	Supports 18-bit TTL TFT LCD panel	
<b>I/O Interface</b>	Floppy Drive Interface	FDD header x 1	
	Serial Port	RS-232 x3, RS-232/422/485 x1	
	Parallel Port	1	
	Universal Serial Bus	2 (v1.1)	
	Serial-ATA	-	
	Digital I/O	8-bit input, 8-bit output	
	Bus interface	PC/104	
	IR Interface	115k bps, IrDA 1.1 compliant	
	Keyboard	PS/2	
	Mouse	Shared with keyboard connector	
	<b>Hardware Monitoring</b>	Controller	Winbond W83977 integrated Hardware monitor function
		RTC	Winbond W83977 integrated RTC within Li-Battery
Watchdog timer		256-level time-out intervals	
<b>Cooling</b>	Heatsink		
<b>Expansion</b>	PC/104 x1		
<b>Environmental Parameters</b>	Temperature, ambient operating	0~60°C (32~140°F)	
	Humidity (RH), ambient operating	5~95% relative humidity, non-condensing	
	Storage Temperature	-20~70°C (-4~158°F)	
<b>Physical Dimensions</b>	Dimensions	96 x 90 mm (3.8" x 3.5")	
	Input	DC +5V	
<b>Power</b>	Consumption	Typical: 1.2A @ +5V 64MB/PC133, Mhz CPU	
	<b>Compliance</b>	CE, FCC, RoHS	

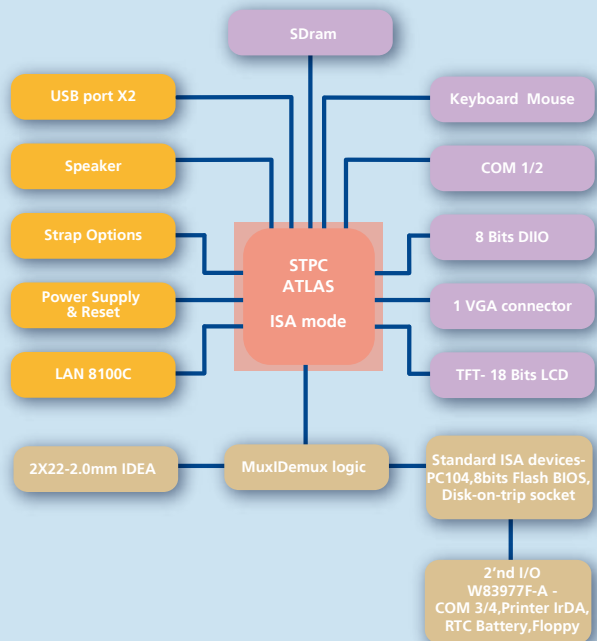
### ORDERING INFORMATION

<b>EM-2400A</b>	STPC Atlas 133 with VGA/LCD/LAN/4 COMs/64MB SDRAM
<b>EM-2400B</b>	Like PC-2400A, but without LAN

### OPTIONAL ACCESSORIES

ITEM	DESCRIPTION	PART NUMBER
<b>IDE cable</b>	44P-40P-40P,L:450mm	0800001400001
<b>Floppy cable</b>	26P Flat 200mm(up contact)	0800100260002
<b>Floppy cable</b>	26P Flat 200mm(down contact)	0800100260007
<b>VGA cable</b>	D-SUB 15P x 62.0mm with key (P8), L:100mm	0800200150001
<b>LAN cable</b>	RJ45+2LED 2 x 62.0mm with key (p4), L:100mm	0800400120001
<b>USB cable</b>	4Px 2 Y cable, 2 x 5.20mm with key (P3,8), L:100mm	0800100100013
<b>Print cable</b>	D-SUB 25P, 2x 13, 2.0mm with key (P26), L:100mm	0802100250001
<b>Rs232 cable(4pcs)</b>	D-SUB 9P, 2 x 5, 2.0mm with key (P10), L:100mm	0802700090001
<b>KB/MS cable</b>	6P x 2 Y cable, 2 x 4, 2.0mm with key (P3,5), L:100mm	0800100060001
<b>IDE cable</b>	44P-44P-44P,L:450mm	080014445E001
<b>Spacer(4pcs)</b>	5.0 15mm hex-spacer with nut	0703150151261

### PLATFORM ARCHITECTURE



### About Lanner

Founded in 1986 and publicly listed (TAIEX 6245) since 2003, Lanner Electronics Inc. is an ISO 9001 certified designer and manufacturer of reliable, frontline security, storage and applied computing platforms and solutions. With headquarters in Taipei, Taiwan and branches in the U.S., India, and China, Lanner is uniquely positioned to deliver custom technical solutions with localized, value-added service.

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