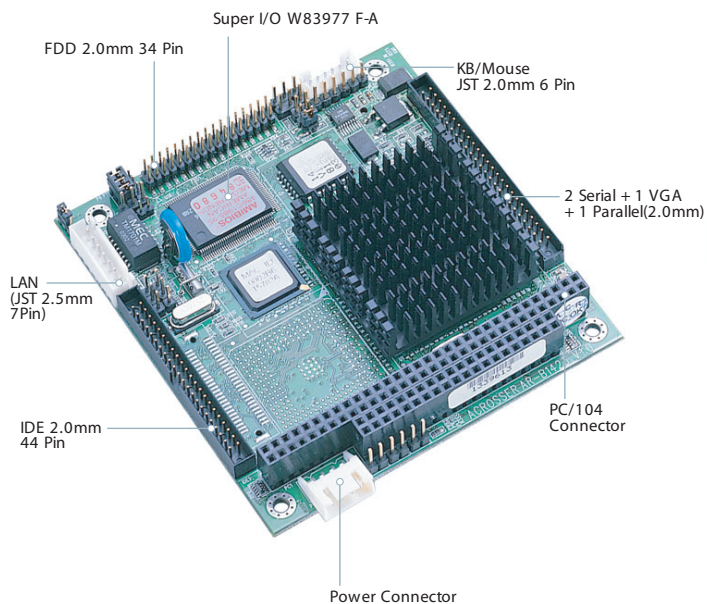


AR-B 1423 Series



Features:

486

PC/104

SDRAM

LAN

2 COM

DOC

Audio

VGA

STPC Consumer II PC/104 CPU board with VGA (CRT), LAN, DOC

System

CPU	On-board STPC Consumer II 133MHz
Chipset	On-board STPC Consumer II 133MHz
System Memory	On-board 144-pin SO-DIMM up to 128MB PC100/133 SDRAM
On Board Cache	8K
BIOS	AMI
SSD	One DiskOnChip (DOC) socket, supports up to 288MB flash memory
Watchdog Timer	Software programmable 1~63 seconds
Expansion Interface	One 16-bit PC/104 (104-pin)
Battery	Lithium 3V/48mAH
Power Consumption	+5V@ 2 A
RTC	On Chipset, supports ACPI function
Dimension	90mm x 96mm (3.5" x 3.8")
Operating Temperature	0~60°C(32~140°F)
Storage Temperature	-20~80°C(-4~176°F)
Operating Humidity	0% ~ 90% Relative humidity non-condensing

Packing list

Part No.	Cable:HDD, FDD, COM, LPT, KB/Mouse, VGA Utility CD, Manual
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I/O

Main IO	AR-B1423A: 1xE-IDE, 1xFDD, 2xPS/2 (KB/Mouse), 1xRS-232, 1xRS-232/485, 1xLPT
	AR-B1423C: 1xE-IDE, 1xFDD, 2xPS/2 (KB/Mouse), 1xRS-232C/485, 1xRS-232C/ Touch screen, 1xLPT
Ethernet	AR-B423A: On-board Intel 82559, supports 10/100Mbps Base-T Ethernet AR-B423C: On-board one Intel 82559ER, supports 10/100Mbps Base-T with 2x5-pin 2.0mm connector

Display

Chipset	On-board STPC Consumer II built-in graphic core
Memory Size	Shared system memory up to 4MB
Resolution	1280x1024x75Hz SVGA
Interface	CRT _ 2x25x2.00mm pin-header connector

Ordering Information

Standard

AR-B1423A	STPC Consumer II 133MHz PC/104 CPU board with VGA (CRT), LAN, DOC
AR-B1423C	STPC Consumer II 133MHz PC/104 CPU board with VGA (CRT), LAN, DOC (One Year Warranty, Free WinCE Evaluation Image)

Specifications are subject to change without notice.