IAC-H487A

Half-size 486 SBC with VGA/LCD/LAN /CompactFlash & STPC Elite-133 CPU

1 IDE port 1 FDD port LPT port

1 DIMM Socket up to 128MB SDRAM

ATA mode Compact Flash Socket(Rear)

STPC Elite 133

Power connector

Flash BIOS

PC/104 Expansion (ISA) connector

COM 2

SM 712G VGA/LCD controller

LCD connector

VGA connector

Realtek 8139 C+

1 RJ-45 LAN connector

COM 1

Mini-DIN PS/2 Keyboard & Mouse connector

5 PIN Keyboard Header
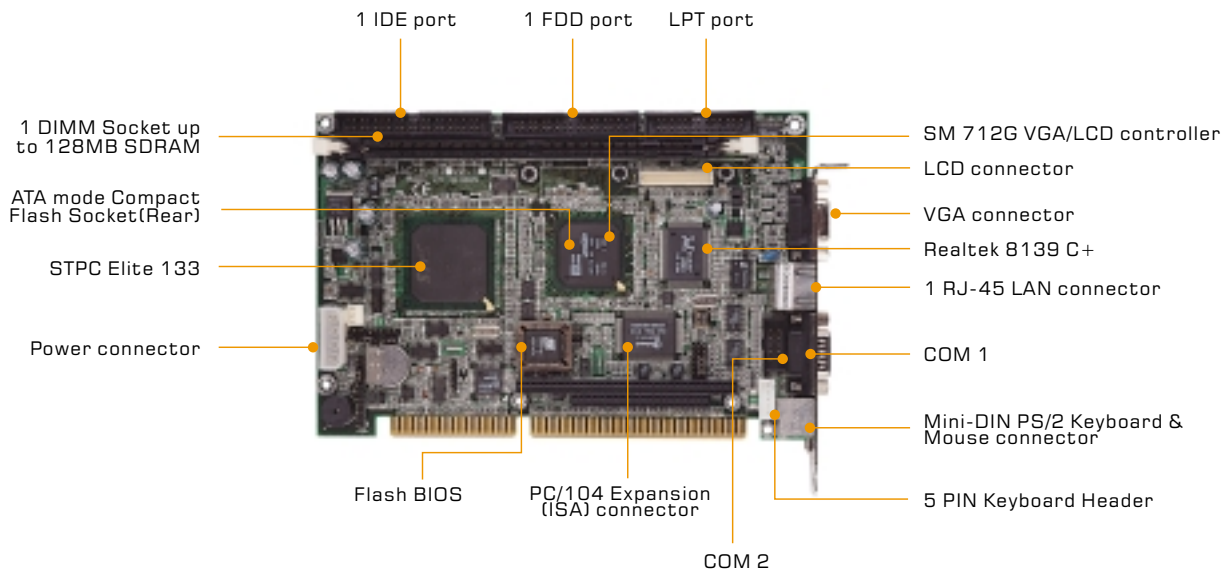
FEATURES

- STPC Elite-133 CPU integrated with STPC Elite chipset on-board
- SMI LynxEM+ (SM 712G) VGA/LCD controller, with 2MB video memory
- On-board Realtek 8139C+ support 10/100M BASE-TX Ethernet
- One CompactFlash socket, support ATA mode Type-I/II

- Two 16550 compatible FIFO RS-232 serial ports, one RS-232 and one RS-232/422/485
- Built-in one PC/104 expansion slot
- One multi-mode parallel port, one IrDA header
- Watchdog Timer

SPECIFICATION

CPU
On-board STPC Elite-133 CPU
Chipset
STPC Elite
BIOS
AMI BIOS
System Memory
1 x 168-pin DIMM sockets up to 128MB for SDRAM
VGA/LCD
SMI LynxEM+ (SM 712G) chipset with 2MB video memory
Ethernet
On-board Realtek 8139C+ support 10/100M BASE-TX
CompactFlash
1 CompactFlash socket, support ATA mode Type-I/II
IDE Interface
1 IDE port supports up to 2 IDE devices
Floppy Drive Interface
1 FDD port supports up to 2 floppy devices
Serial Port
2 x 16550 compatible FIFO RS-232 serial ports, 1 x RS-232 and 1 x RS-232/422/485
Parallel Port
1 multi-mode parallel port (SPP/EPP/ECP)

IR Interface
Support 1 IrDA header
Keyboard Connector
5-pin header and 6-pin Mini-Din PS/2 keyboard Connector
Mouse Connector
6-pin Mini-Din PS/2 mouse connector
RTC
RTC function with battery
Expansion Bus
Built-in PC/104 expansion bus
External Power Connector
4-pin external power connector
Watchdog Timer
16-level time-out intervals
Power Consumption
+5V@2.58A (STPC Elite 133, 128MBx1, RAM)
Operating Temperature
$0^{0}C \sim 60^{0}C$
Storage Temperature
$-20^{0}C \sim 70^{0}C$
Humidity
5% ~ 95%, non-condense
Dimensions
185 x 122mm (7 1/4" x 4 5/6")
Net Weight
250g (0.55 pounds)

*All the specifications and photos are subjected to be changed without notice.