

# HMI Controller

## 8" Industrial Fanless Touch Panel Computer

**AHM-6083**



### Features

- 8" TFT LCD (350 cd/m<sup>2</sup>) with resolution of 800 x 600
- Fanless and AMD LX-800 500MHz processor
- One 200-pin SO-DIMM DDR 266/333MHz up to 1GB
- NEMA 4/IP 65 compliant front panel
- Sealed resistive touch screen
- Support Panel / VESA 75 mount
- DC 11~28V wide-range power input



### Display Specifications

LCD	8" SVGA 800x600
Luminance	350 cd/m <sup>2</sup>
Viewing angle	130/110 (R/L)
Backlight Lifetime	40,000 hrs

### Mechanical Specifications

Construction	Plastic front panel & metal housing
Front Panel Color	Black
CPU	AMD LX-800 500MHz
DRAM	1 x 200-pin SO-DIMM DDR 266/333MHz up to 1GB
Storage	Space for 1 x 2.5" HDD and 1 x CF card slot
Power Supply	DC 11~28V
Touch Screen	Analog resistive
I/O ports	3 x COM (COM1/3: RS-232, COM2: RS-232/422/485), 2 x USB 2.0, 1 x PS/2 keyboard & mouse, 1 x Reset switch, 1 x LAN (10/100Mbps), 1 x Audio Mic, Line-in, Line-out, 1xVGA
Dimensions	231(W)x176(H)x76(D)mm
OS Support	Microsoft Windows XP Pro, XP Embedded, Windows CE net 4.2 / 5.0
Weight (net)	2.84kgs

### Environment Specifications

Operating Temperature	0~50°C
Storage Temperature	-20~60°C
Relative Humidity	10~90% @40°C non-condensing
Vibration	5~500Hz (Random), 1G acceleration peak to peak
Shock	15G acceleration peak to peak (11 msec.)
Rating	NEMA 4/ IP 65 compliant front bezel
Certificate	Meet CE / FCC Class A
Mounting	Panel / VESA 75 mount

### Dimensions

