



Nvis 5586 is a product based on INTEL 8086 Microprocessor for purpose of training and development of Microprocessor based systems. It provides a simple platform for the students to learn the concepts of 8086 architecture, its assembly language programming, interfacing and working of different peripherals used in 8086 based system. The training board is very user friendly and self contained allowing students to carry out practical work and gain knowledge about Microprocessor based systems.

Features

- ▶ **Diagrammatic representation of full system**
- ▶ **Powerful monitor program**
- ▶ **Battery backup for RAM**
- ▶ **Three channel Timer/ Counter using 8253**
- ▶ **72 I/O lines are provided through 8255**
- ▶ **Two modes of command**
 - HEX key pad mode**
 - Serial mode**
- ▶ **Facility of downloading and uploading the files forms PC**
 - All Address and Data lines are provided on 50 pin connector**
- ▶ **8089 I/O Processor(optional)**
- ▶ **8087 Math Coprocessor (optional)**
- ▶ **e- Manual**
- ▶ **2 Year Warranty**

Technical Specifications

Operating Frequency	: 5MHz
ROM	: 16K
RAM	: 16K
Input	: 7x4 HEX keypad
Display	: Seven segment
Mains supply	: 90 - 230V AC,50Hz
Fuse	: 500mA
Dimensions(mm)	: 355 x 260 x 125

Scope of Learning

- 8086 Architecture
- 8086 Assembly language programming
- Working and interfacing of 8087 Math Coprocessor
- Working and interfacing of 8089 I/O Processor

Designed & Manufactured by :
Nvis Technologies Pvt. Ltd.

141-A, Electronic Complex, Pardesipura, Indore - 452 010 India
 Tel.: 91-731-4211500, Telefax: 91-731-4202959, E-mail: info@nvistech.com, Website : www.nvistech.com