

UNO-2053E-ACP

GX2-400 UNO with PC Card,
2xLAN, 2xUSB, 2xRS-232, Audio



ThinManager Ready Thin Client

Features

- Onboard GX2-400 MHz CPU, 256MB DDRAM
- Two RS-232 and one DB-15 VGA connector
- Two 10/100Base-T RJ-45 ports
- Two USB and one type I/II PC Card slots
- Audio with Line out
- Up to 1600 x 1200, 16-bit color

Introduction

The Advantech UNO-2053E-ACP Industrial Thin Client is an X86-grade platform that offers dual LAN, dual USB and PC card interfaces to fulfill user's diverse communication needs. In addition, it also offers two RS-232 communication ports on board.

Specifications

General

- **Dimensions (WxDxH)** 188.8 x 106,5 x 35.5 mm (7.5" x 4.2" x 1.4")
- **Enclosure** Aluminum
- **Mounting** Wall, DIN 35 rail
- **Power Consumption** 15 W (Typical)
- **Power Requirements** Min. 24 W (10-30 V_{DC} (e.g. +24V @ 1 A))
- **Weight** 0.8kg

Environment

- **Humidity** 95 % @ 40 °C (non-condensing)
- **Ingress Protection** IP40
- **Operating Temperature** -10-55 °C (14 -131 °F)
- **Shock Protection** IEC 68 2-27
CompactFlash: 20 G@DIN, half sine, 11 ms
50 G @Wall/Panel, half sine, 11 ms
- **Vibration Protection** IEC 68 2-6
CompactFlash: 2 Grms @ sine, 5 - 500 Hz,
10 ct./min. 1hr/axis

Communications

- **LAN** 2x10/100Base-T RJ-45 ports
- **PC Card** 1 x PC Card slot
Supports CardBus (Card-32) Card and 16-bit (PCMCIA 2.1/JEIDA4.2) Card
Supports +5V, +3.3V and +12V @ 120 mA working power
- **Serial Ports** 2 x standard RS-232
- **Serial Port Speed** RS-232:50-115.2 kbps
- **USB Ports** 2 x USB ports, USB OpenHCI, Rev. 1.1 compliant

System Hardware

- **CPU** AMD GX2-400 MHz
- **Indicators** Power LED, IDE LED
- **Keyboard/Mouse** 1 x PS/2
- **Memory** 256MB DDRAM on board
- **VGA** DB15 connector
- **Audio** Line out

ACP is the only company that provides full featured industrial Thin Client management software. Since the 90's our unique technology has been embedded into products from industrial computer manufacturers, allowing them to bring to market superior Thin Client devices. When combined with ACP's ThinManager, each client has performance and features unmatched by products from any other company, with benefits such as:

- Thin Client hardware that never becomes obsolete
- Automatic configuration of new clients
- Redundancy and Failover
- Server Load Balancing
- Support for all major touch screens
- Proven installations with all HMI/SCADA software

