ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

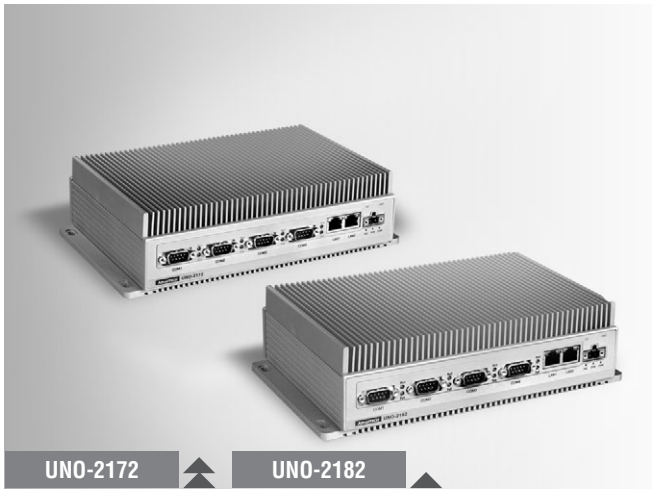
Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Advantech UNO-2182-D13BE* at our website: *Click HERE*

UNO-2172/2182

Intel® Core™ 2 Duo/ Pentium® M/ Celeron® M Automation Computers with 2 x GbE, 4 x COM, DVI



Features

- Onboard Intel Core 2 Duo 1.5 GHz (L7400)/ Pentium M 1.6 GHz/ Celeron M 1.5 GHz processors
- Onboard 512 KB battery-backup SRAM
- 2 x RS-232 and 2 x RS-232/422/485 ports with automatic flow control
- 2 x 10/100/1000 Base-T Ethernet
- DVI-I supports dual display
- Audio with Mic in, Line in, Line out
- 2 x USB 2.0 ports
- PCI-104 expansion
- Windows® WES 2009, WES 7 ready solution
- Supports one SATA HDD and one external eSATA devices
- Onboard system status LED indicators
- Supports wake on LAN and boot from LAN function
- Fanless design with no internal cabling
- Isolation between chassis and power ground

Introduction

UNO-2172 and UNO-2182 are high-performance Pentium M/ Core 2 Duo grade controllers that support PCI-104 expansion, serial communication ports and several other networking interfaces. They support Windows WES2009 OS, which offers a pre-configured image with optimized onboard device drivers. Windows WES2009 delivers the power of the Windows operating system in componentized form. You can seamlessly integrate your applications into Windows WES2009 and speed up your system development with application-ready platforms that provide rich networking interfaces to fulfill diverse requirements.

Specifications

General

Certifications	CE, FCC Class A, UL, CCC
Dimensions (W x D x H)	255 x 152 x 69 mm (10" x 6.0" x 2.7")
Enclosure	Aluminum
Mounting	DIN-rail, Wallmount, VESA
Industrial Grounding	Isolation between chassis and power ground
Power Consumption	UNO-2182: 35W (Typical) UNO-2172: 45W (Typical)
Power Requirements	9 ~ 36 V_{DC} (e.g +24V @ 2A) (Min. 48W), ATX
Weight	3.0 kg
OS Support	Windows 2000/XP, WES7, WES-2009, XPe, CE 5.0 & 6.0, Linux, QNX
System Design	Fanless with no internal cabling
Remote Management	Built-in Advantech DiagAnywhere agent on Windows CE / WES2009 / WES7

System Hardware

CPU	UNO-2182: Core 2 Duo L7400 1.5GHz UNO-2172: Pentium M 1.6GHz, Celeron M 1.5GHz
Memory	UNO-2182: 2GB DDR2 SDRAM built-in UNO-2172: 1GB DDR2 SDRAM built-in
Indicators	LEDs for Power, IDE, Alarm for battery backup SRAM, LAN (Active, Status) and Serial (Tx, Rx)
Battery Backup SRAM	512 KB
Keyboard/Mouse	1 x PS/2
PC/104 Slot	PCI-104 slot, supports +5 & 3.3V power
Storage	CF: 1 x external type I/II CompactFlash® slot HDD: Build-in one 2.5" SATA/IDE HDD bracket
Display	DVI-I supports DVI and VGA for dual display
Audio	Mic in, Line in, Line out
SATA	1 x internal, 1 x external SATA 1.0
Watchdog Timer	Programmable 256 levels timer interval, from 1 to 255 sec

I/O Interface

Serial Ports	2 x RS-232, 2 x RS-232/422/485 with DB9 connectors Automatic RS-485 data flow control
Serial Port Speed	RS-232: 50 ~ 115.2 kbps RS-422/485: 50 ~ 921.6 kbps (Max.)
LAN	2 x 10/100/1000 Base-T RJ45 ports (supports wake on LAN and built-in boot ROM in flash BIOS)
USB Ports	2 x USB, EHCI, Rev. 2.0 compliant

Environment

Humidity	95% @ 40° C (non-condensing)
Operating Temperature	IEC 60068-2-2, 100% CPU/ I/O loading) UNO-2182: -10 ~ 60°C (14 ~ 140°F) @ 5 ~ 85% RH. UNO-2172: -20 ~ 50°C (-4 ~ 122°F) @ 5 ~ 85% RH.
Shock Protection	IEC 60068-2-27 CompactFlash: 50 G @ wall mount, half sine, 11 ms HDD: 20 G @ wall mount, half sine, 11 ms
Vibration Protection	IEC 60068-2-64 (Random 1 Oct./min, 1hr/axis.) CompactFlash: 2 Grms @ 5 ~ 500 Hz, HDD: 1 Grms @ 5 ~ 500 Hz

Ordering Information

UNO-2172-C22BE	Celeron M 1.5 GHz, 1GB RAM Automation Computer
UNO-2172-P22BE	Pentium M 1.6 GHz, 1GB RAM Automation Computer
UNO-2182-D13BE	Core 2 Duo 1.5GHz, 2GB RAM Automation Computer

Accessories

UNO-PCM22-AE	2 x PC/104 expansion kit for UNO-2100 series
UNO-FPM21-AE	UNO-2000 series VESA mount kit
PCLS-DIAGAW10	Advantech Remote Monitoring & Diagnosis Utility

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP