Facility Management
Environmental Monitoring
Building Automation
Machine Automation
Intelligent Transportation
Production Automation
Power & Energy

Advantech Fanless Box PCs

Open and Robust Computing Power for Industrial Automation Applications











Advantech Fanless Box PCs, More than an IPC

Open, Robust, and Fanless Computing Power

Advantech's Fanless Box PCs are designed to fulfill the needs of mission-critical automation applications. Their embedded design, industrial automation features and advanced computer technology deliver robustness, reliability and flexibility to satisfy customers who are looking for a rugged & compact computing platform with an industrial design and built-in I/O for diverse automation applications.

Fanless Design

No Internal

Ca

No Moving Pan

Wide Operating

Compact

Open Operating System

High Computing Powe

UNO-1000 Series DIN-rail Fanless Box PCs -



Advantech's UNO-1000 Series are compact and DIN-rail mounted fanless industrial PCs. They feature a RISC-based processor with a wide operating temperature (up to 70° C), and are suitable as communication controllers or in protocol converter applications in mission-critical environments.

UNO-1100 Series DIN-rail, Powerful Fanless Box PCs -Powerful and Compact DIN-rail PCs Inside Control Cabinet



Advantech's UNO-1100 Series are compact and DIN-rail mounted fanless industrial PCs. They feature an x86-based processor with wide operating temperature (up to 60° C). These are suitable for SCADA RTU, warehouse, and environment monitoring applications.

UNO-2000 Series Compact Fanless Box PCs -

Advantech's UNO-2000 series are fanless industrial PCs with DIN-rail and wallmount options. They feature an AMD GX2-400 processor, dual LANs, and RS-232/422/485, and more. This series is highly suitable for gateway, and data server applications.

Scalable, Low Power Consuming Platforms to Deliver High-performance Computing and Communications

Advantech's UNO-2100 series are fanless wallmounted industrial PCs with PC/104+ expansion. They feature a wide computing power range (from Celeron M 1GHz to Core 2 Duo 1.5GHz), and their PC/104+ expansion capability allows users to add any 3rd party I/O module for wide range of applications.



Advantech's UNO-3000 series are fanless wallmounted front access industrial PCs with PCIbus expansion. They feature wide computing power ranging from Celeron M 1GHz to Pentium M 1.8GHz. Their PCI-bus expansion capability allows users to add any 3rd party I/O module for a wide range of applications.

I.e.

Advantech's UNO-3200 series are designed to provide computing power and high-speed I/O expansion for demanding applications such as machine controller with vision / 3D simulation, embedded server etc. UNO-3200 series offer Core 2 Duo computing and DVI to handle vision processing and graphics display. Its next-generation PCI Express slot provides easy integration with vision boards. Also, users can install two SATA hard drives inside for needs of mass storage in vision-associated applications.









Anti- anti- anti- Martin

Advantech's Fanless Box PC **Product Lines**

DIN-rail Mounted Fanless PCs to Expand the Power of Control Systems

Compact, Application-Ready Platforms to Fulfill Diverse Applications

UNO-2100 Series High Performance Fanless Box PCs with PC/104+ Expansion -

UNO-3000 Series High Performance Fanless Box PCs with PCI Expansion -Front Accessible, High Performance Platforms Featuring 2 or 4 PCI-slot Expansions

UNO-3200 Series High Performance Fanless Box PCs with PCIe/PCI Expansion -Powerful and Reliable Computing Engines to Meet Critical Demanding Applications

Robust Industrial Design



Advantech Fanless Box PCs are designed for the harsh working environments of factory floors. Their embedded design without moving parts and industrial-grade features makes these PCs the best choice for automation applications.



Fanless Design

The UNO-series are robust computers without rotating parts, such as a CPU fan, system fan, power supply fan or HDD. This concept significantly increases reliability, extends MTTR, and extremely reduces maintenance efforts. Therefore, you don't need to worry about a CPU cooler or HDD failure issue anymore, even in dusty environments.



No Internal Cabling

Unlike general Box PC designs where cables are used for wiring between connectors and CPU boards, connectors on the UNO-series are soldered directly



Industrial-grade Power

Fanless Box PCs are designed to accept wide PC power input (ex. 9~36VDc) in factory floors. In addition, they also feature power reversal protection that prevents system damage when power inputs are reversed.

Industrial Proven Design



fleet applications.



To optimize thermal performance, every Fanless Box PC is equipped with a tailor-made thermal design to serve its onboard CPU and RAM, and goes through a complete thermal test procedure in order to guarantee best quality for users' critical applications.



Battery-backup Memory



Wide Operating Temperature Range Advantech Fanless Box PCs support a wide operating temperature through selecting low-voltage CPU's, industrial-grade components, as well as sophisticated thermal design (up to 70° C) operating temperature that meets critical industrial-grade applications.



High Tolerance to Vibration and Shock

Advantech's Fanless Box PCs are designed with high tolerance to shock (up to 50G) and vibration (up to 2G) for harsh environments, such as vehicle, transportation and

Tailor-made Thermal Design for Onboard CPU and RAM

To keep critical data alive when system power is lost, each Fanless Box PC is equipped with onboard battery-backup memory. Onboard battery supplies power to keep memory operating all the time. In addition, battery-backup memory can also act as temporary data buffer that helps reduce CF's access times dramatically.

Building Blocks for Your System

Advantech's Configure-To-Order Services (CTOS) allow you to configure application-ready systems through a web-based configuration tool in a few steps. In UNO-series CTOS Services, you can choose I/O boards, select storage devices in different sizes and appropriate operation systems in seconds without worrying about compatibility issues or assembly efforts. Please contact your local sales representative for details.

Fanless Box PC



I/O Module



Storage Device



Embedded OS



LCD Display





Operating System and Utilities



Remote Management and Control – Advantech's DiagAnywhere Utility



Advantech's "DiagAnywhere" remote management software allows users to achieve remote maintenance tasks of up to 16 Fanless Box PCs on a single display over internet. Its features include remote monitoring and control, remote screen snapshots and recording, and file uploading / downloading, all of which combine to help users eliminate on-site maintenance efforts.



Embedded Operating System Support In addition to Windows 2000/XP, Windows XP Embedded, Windows CE and Embedded Linux are supported to meet

Multi-Language Support



Windows XP Embedded OS supports Multilingual User Interface (MUI) up to 10 languages including English, Traditional / Simplified Chinese, Japanese, Spanish, German, Russian, French, Italian and Korean. For Windows CE, we support 5 languages including English, Traditional / Simplified Chinese, Japanese and Korean.

01010 1010 0 0101 1 S

Secure Intellectual Properties The UNO-series' Windows Embedded OS provides EWF (Enhanced Writer Filter) and FBWF to protect the image from virus attacks and accidental system corruption. Anti-piracy functions are also provided to prohibit the possibility of user information being compromised.

UNO-2000 + FPM Modules



Windows

needs of real-time & compact-sized OS.



Windows CE

 $\langle \mathcal{Q} \rangle$

Linux

UNO-1100 Series Introduction & Features **DIN-rail, Powerful Fanless Box PCs**



- DIN-rail, Front I/O Design in Compact Size for Control Cabinets
- Battery-backup SRAM Saves Process Data in the Event of a Power Failure
- Dual Ethernet, PC-104, PC/104+, and Mini PCI Expansion
- Wide Operating Temperature up to 60° C and Wide Power Input Range





UNO-1100 Series Selection Guide

Model Name	UNO-1150	UNO-1150E	UNO-1170	UNO-1170E		
CPU	GX2-40	DO MHz	Celeron M 1.0 GHz, Pentium M 1.4			
Onboard RAM	256 MB DE	DR SDRAM	512 MB/1 GB DDR SDRAM			
Battery-backup SRAM	-	-	512 KB			
Audio / VGA		Ye	S			
Serial Port	1 x RS-232, 2 x I	RS-232/422/485	2 x RS-232, 1 x	2 x RS-232, 1 x RS-232/422/485		
Ethernet Port		2 x 10/10	0Base-T			
USB Port	2	2 2		4 (One Internal)		
I/O Expansion	-	PCI-104 / Mini PCI	-	PC/104+ / Mini PCI		
Storage Expansion	CF	CF / SATA HDD	CF	CF / SATA HDD		
Power Input Range		9~36	VDC			
Operating Temperature	-10 ~60° C (14 ~ 140° F)					
Operating System	Windows XP Embedded, Windows CE 6.0, Windows 2000/XP, Linux					
Dimensions (W x D x H)	81 x 155 x 140 mm (3.4" x 6.1" x 5.6")	110 x 155 x 140 mm (4.4" x 6.1" x 5.6")	81 x 155 x 140 mm (3.4" x 6.1" x 5.6")	110 x 155 x 140 mm (4.4" x 6.1" x 5.6")		

Ordering Information

-	
UNO-1150-G20E	GX2 400 MHz, 256 MB RAM Fanless Box PC
UNO-1150E-G20E	GX2 400 MHz, 256 MB, Fanless Box PC w/P
UNO-1170-C11E	Celeron M 1 GHz, 512 MB RAM Fanless Box F
UNO-1170E-C11E	Celeron M 1 GHz, 512 MB, Fanless Box PC w
UNO-1170-P12E	Pentium M 1.4 GHz, 1 GB RAM Fanless Box F
UNO-1170E-P12E	Pentium M 1.4 GHz, 1 GB, Fanless Box PC w/
UNO-FPM11-AE	UNO-1100 Series VESA Mount Kit
UNO-ANT10-AE	UNO-1100 Series 802.11 b/g WLAN Antenna I
PCLS-DIAGAW10	DiagAnywhere Remote Management and Co



Designed for Control Cabinets UNO-1100 series features compact size, DIN-rail mount and frontaccessible I/O that make installation within a control cabinet very easy.



Battery-backup SRAM The onboard battery-backup SRAM saves runtime process data in the event of a power failure. In addition, the SRAM can act as a data buffer that helps reduce CF access time and extend product lifetime.

Flexible Expansion

UNO-1100E series equips expansion interfaces for mini PCI, PCI-104 or PC/104+ modules. It helps users easily integrate wireless connections and Fieldbus I/O modules together in a single package.



님 he 문



PCI-104 PC /PC/104+ PC /PC/104+ Kit (Antenna & Mini PCI Module Not Included)

ontrol Utility

UNO-2000 Series Introduction & Features **Compact Fanless Box PCs**

- Compact and Small Footprint with DIN-rail / Wallmount Support
- Industrial Onboard RS-232/422/485, CAN Bus and Isolation I/O
- Wide Power Input Range up to 48V_{DC} with Reverse Protection
- Low Power Consumption



UNO-2052E



0

A Stand

ISS DES UNO-2052E



Compact Design

UNO-2000 series is designed compact (7.5" x 4.2" x 1.4"), saving space in working areas. Moreover, its DIN-rail and wallmount design provides easy installation.



Diverse Onboard I/O

From isolated digital I/O lines, RS-232/422/485 to CAN bus. It's an ideal solution for gateway, protocol converter and data server applications.









UNO-2100 Series Introduction & Features High Performance Fanless Box PCs with PC/104+



2

• Wide Computing Power from Celeron M to Core 2 Duo CPU

- Dual DVI/VGA Display, Dual Gigabit Ethernet and eSATA
- Battery-backup SRAM Saves Process Data in the Event of a Power Failure
- PC/104, PCI-104 and PC/104+ Expansion
- Wide Operating Temperature up to 65° C and Wide Power Input Range









UNO-2000 Series Selection Guide

UNO-2100 Series Selection Guide













Model Name	UNO-2050E	UNO-2059E						
CPU	AMD Geode GX533 (400MHz)							
Onboard RAM	256 MB DDR SDRAM							
VGA/Mouse/Keyboard		Ye	es					
Audio	-	-	Yes	-				
Serial Port	2 x RS-232 2 x Isolated RS-232/422/485	2 x CAN 1 x RS-232	2 x RS-232	2 x RS-232/485 2 x RS-232/422/485				
Ethernet Port	2 x 10/100Base-T	1 x 10/100Base-T	2 x 10/100Base-T	1 x 10/100Base-T				
USB Port	-	1	2	2				
PC Card Slot		-	1	1				
Onboard I/O	8-ch isolated DI 8-ch isolated DO	-	-	-				
Watchdog Timer	Yes							
CompactFlash Slot		1 x in	ternal					
2.5" HDD Expansion		IDE (op	otional)					
Operating System	Wind	ows XP Embedded, Windows C	E 5.0 / 6.0, Windows 2000/XP,	Linux				
Mounting		DIN-rail / V	Vall / VESA					
Anti-vibration		2G with CF;	1G with HDD					
Anti-shock		50G with CF @ Wallmour	it; 20G with CF @ DIN-rail					
Power Input Range	9 ~ 36 Vpc 10 ~ 48 Vpc							
Operating Temperature	-10 ~ 55° C @ 5 ~ 85% RH							
Power Consumption (Typical)	15 W							
Power Requirement		Min. 24 W, +24 V	@ 1 A power input					
Dimensions (W \times D \times H)		188.8 x 106.5 x 35.5 r	mm (7.5" x 4.2" x 1.4")					

Ordering Information

UNO-2050E-IDA0E	GX2 400M, 256MB RAM UNO-2050E
UNO-2052E-IDA0E	GX2 400M, 256MB RAM UNO-2052E
UNO-2053E-IDA0E	GX2 400M, 256MB RAM UNO-2053E
UNO-2059E-IDA0E	GX2 400M, 256MB RAM UNO-2059E
UNO-HD20-AE	UNO-2000 HDD Expansion Kit
UNO-FPM21-AE	UNO-2000 Series VESA Mount Kit
PCLS-DIAGAW10	DiagAnywhere Remote Management and Control Utility



UNO-HD20-AE UNO-2000 Series HDD Expansion Kit



UNO-DIN21-AE UNO-2100 Series DIN-rail Kit



UNO-FPM21-AE UNO-2000 Series VESA Mount Kit



UNO-PCM22-AE 2 x PC/104 Expansion Kit for UNO-2100 Series

Model	UNO-2170	UNO-2171	UNO-2172	UNO-2176	UNO-2182
CPU	Celeron M 600MHz, Celeron M 1GHz	Celeron M 1.0 GHz, Pentium M 1.4GHz	Celeron M 1.5 GHz, Pentium M 1.6 GHz	Celeron M 1.0 GHz, Pentium M 1.4 GHz	Core 2 Duo 1.5 GHz
Onboard RAM	Onboard RAM 256MB/512MB DDR SDRAM		1GB DDR2 SDRAM	512 MB DDR DRAM	1 GB DDR2 SDRAM
Battery-Backup SRAM			512 KB		
VGA/Mouse/ Keyboard	Yes	Yes	DVI-I	Yes	DVI-I
Audio	-	Yes	Yes	-	Yes
Serial Port	2 x RS-232 2 x RS-232/422/485	2 × RS-232, 2 x RS-232/422/485	2 × RS-232, 2 x RS-232/422/485	2 × RS-232, 4 x Isolated RS-232/422/485	2 × RS-232, 2 x RS-232/422/485
Ethernet Port	2 x 10/100Base-T	2 x 10/100Base-T	2 x 10/100/1000 Base-T	2 x 10/100Base-T	2 x 10/100/1000 Base-T
USB Port	2	2	2	2	2
PC Card Slot 1		1	1	-	1
Printer Port	1		-		
PC/104 Expansion	PC/104	PC/104+	PCI -104	PC/104	PCI-104
Onboard I/O	-	-	-	8-ch Isolated DI 8-ch Isolated DO	-
Watchdog Timer			Yes		
CompactFlash Slot	1 x internal	2 x internal	1 x internal	1 x internal	1 x internal
2.5" HDD Expansion	SATA	IDE / SATA	SATA	IDE / SATA	SATA
Operating System		Windows XP Embedded	d,Windows CE 5.0 / 6.0,W	/indows 2000/XP, Linux	
Mounting			DIN-rail / Wall / VESA		
Anti-vibration	2G with CF; 0.5G with HDD		2G with CF;	1G with HDD	
Anti-shock		50	0G with CF; 20G with HD	D	
Power Input Range	9 ~ 36 Vdc	10 ~ 53 VDC	9 ~ 36 VDC	9 ~ 36 Vdc	9 ~ 36 VDC
Operating Temperature	-20 ~ 50° C @ 5 ~ 85% RH	-20 ~ 65° C @ 5 ~ 85% RH	-20 ~ 50° C @ 5 ~ 85% RH	-20 ~ 65° C @ 5 ~ 85% RH	-20~ 60° C @ 5 ~ 85% RH
Power Consumption (Typical)	24 W	24 W	45W	24 W	35 W
Power Requirement		Min. 4	18 W, +24 V @ 2 A power	input	
Dimensions (W x D x H)	255 x 152 x 50 mm (10" x 6.0" x 2.0")	255 x 152 x 59 mm (10" x 6.0" x 2.3")	255 x 152 x 69 mm (10" x 6.0" x 2.7")	255 x 152 x 59 mm (10" x 6.0" x 2.3")	255 x 152 x 69 mm (10" x 6.0" x 2.7")

1000 - 2000 - 2000 - 2000 - 1000 - 1000 - 1000

Ordering Information

-	
UNO-2170-C00BE	C-M 600M, 256MB RAM UNO-2170
UNO-2170-C11BE	C-M 1G, 512MB RAM UNO-2170
UNO-2171-C11BE	C-M 1G, 512MB RAM UNO-2171
UNO-2171-P12BE	P-M 1.4G, 1GB RAM UNO-2171
UNO-2172-C22E	C-M 1.5G, 1GB RAM UNO-2172
UNO-2172-P22E	P-M 1.6G, 1GB RAM UNO-2172
UNO-2176-C11BE	C-M 1G, 512MB RAM UNO-2176
UNO-2176-P11BE	P-M 1.4G, 512MB RAM UNO-2176
UNO-2182-D12E	Core 2 Duo 1.5G, 1GB RAM UNO-2182
UNO-PCM21-AE	2 x PC/104 Expansion Kit for UNO-2170
UNO-PCM22-AE	2 x PC/104 Expansion Kit for UNO-2171/2172
UNO-FPM21-AE	UNO-2000 Series VESA Mount Kit
UNO-DIN21-AE	UNO-2100 Series DIN-rail Kit
PCLS-DIAGAW10	DiagAnywhere Remote Management and C





2/2176/2182

ontrol Utility

UNO-3000 Series Introduction & Features Wallmount Fanless Box PCs with PCI



- Wide Computing Power from Celeron M 1GHz to Pentium M 1.8GHz CPU
- Front I/O Design for Easy Cabling and Maintenance
- Dual Power Inputs Secure Operation in the Event of a Power Failure
- Battery-backup SRAM Saves Process Data
- PCI Expansion with Card Retainer

Ruggedized Design

Unlike traditional IPC's, UNO-3000's CPU board, I/O board and backplane are well organized. No cabling or moving parts are present, guaranteeing system resilience in harsh environments.

installation.





Anti-Shock / Vibration Design

To meet anti-shock / vibration requirements in harsh environments, damping rubber is equipped on the HDD disk bay. Also, we provide rubber cylinders to ensure a tight connection between PCI boards with backplane.



Dual Power Inputs

UNO-3000 supports dual power inputs at 9 ~ 36Vpc. Once primary power fails, it automatically switches to secondary power assuring continuous operation.



Indicators In Machine Automation applications, onboard I/Os and indicators are required for fast alarm handling and status monitoring. In UNO-3000 series, rich serial and direct I/Os are





UNO-3200 Series Introduction & Features High Performance Fanless Box PCs with PCIe / PCI



- Superior Thermal Design Maintains System Temperature even during Full CPU & I/O Load
- Dual DVI/VGA Display, Dual Teaming-Capable Gigabit Ethernet
- Battery-backup SRAM Saves Process Data in the Event of Power Failure
- Dual SATA HDDs with RAID 0 / 1 Support and Dual CF Slots
- PCI / PCIe Expansion with Card Retainer

Ruggedized Design

Unlike traditional IPC's, UNO-3000's CPU board, I/O board and backplane are well organized. No cabling or moving parts are present, guaranteeing system resilience in harsh environments.

PL10 Rx10 Rx30 LINK Be PL2e Tx1 Tx3 ACT DO PL30 Rx20 Rx4 0 LINKO PL4. Tx2. Tx4. ACT

LED Indicators for System & I/O Status

There are 16 LED system indicators and 4 programmable LEDs in front panel. They are designed to help users to get system profile at glance and trigger user-defined alarm messages via programmable LEDs



UNO-3200 series's superior thermal design combines industrial-grade heat sinks and heat pipes to efficiently manage the system reliable and stable during operation in full CPU power and I/O loads.



Data Storage Backup With dual CF slots and dual SSD/HDD inside UNO-3200

series, users are able to store OS / AP in one device and data in the other one. With additional RAID board or optional onboard RAID function, data can be completely backup through RAID 1 mirror function.



Expansion Next-generation PCI Express allows users to install high-speed I/O & control boards. UNO-3200 series offer both PCI/PCIe or two PCI slots as well as optional dual







UNO-3000 Product Selection Guide

Name	UNO-3072L	UNO-3072	UNO-3074	UNO-3272	UNO-3282
CPU	Celeron M 1.0 GHz, Celeron M 1.5 GHz	Pentium M 1.4 GHz	Pentium M 1.8 GHz	Celeron M 440 1.86 GHz	Core 2 Duo L7400 1.5 GHz
Onboard RAM	512 MB/ 1 GB DDR SDRAM	1 GB DD	R SDRAM	1 GB D	DR2 SDRAM
Battery-Backup RAM	-	512	2KB	-	512KB
VGA/Mouse/Keyboard		VGA	-	VGA	A + DVI-D
Audio	-	-	-		Yes
Serial Port			2 x RS-232, 2 x RS-23	2/422/485	
Ethernet Port		2 x 10/100Base-T		2 x 10/10	0/1000Base-T
USB Port		4		4	5 (1x internal)
PC Card Slot	-	1	1		-
PCIe/PCI Expansion	2 x	PCI	4 x PCI	2 x PCI	2 x PCI or PCIe/PCI
Onboard I/O	4-ch	isolated DI, 4-ch isolate	ed DO		-
Watchdog Timer			Yes		
CompactFlash Slot	1 x internal	1 x internal,	, 1 x external	1 x external	1 x internal, 1 x external
2.5" HDD Expansion	IDE / SATA	IDE /	SATA	2 x SATA	
Operating System	Windows	XP Embedded, Windov Vindows 2000/XP, Linu	ws CE 5.0, Jx	Windows XP Embedded, Windows 2000/XP/Vista, Linux	
Mounting		Wall/Panel/Stand		Wa	all/Stand
Anti-vibration			2G with CF; 1G with	h HDD	
Anti-shock			50G with CF; 20G w	ith HDD	
Power Input Range			9 ~ 36 Vdc		
Operating Temperature	-20 ~ 60° C	-20 ~	55° C	-10 ~ 50° C	-20 ~ 60° C
wer Consumption (Typical)	24	W (Typical, no PCI car	rds)	1	100 W
Power Requirement	Min. 48 W, +24 V	@ 2 A power input	Min. 96 W, +24 V @ 4 A power input	120 V 5 A p	N +24 V @ ower input
Dimensions (W x D x H)	140 x 237 x 179 mm (5.5" x 9.3" x 7.0") ^a 153 x 237 x 179 mm (6.0" x 9.3" x 7.0") ^b 140 x 237 x 179 mm (5.5" x 9.3" x 7.0")		193 x 237 x 179 mm (7.6" x 9.3" x 7.0")	200 x 240 x 130 mm (7.9" x 9.4" x 5.0")	

a. UNO-3072L-C11BE ; b. UNO-3072L-C22BE

Ordering Information

UNO-3072L-C11BE	C-M 1G, 512MB RAM UNO-3072L
UNO-3072L-C22BE	C-M 1.5G, 1GB RAM UNO-3072L
UNO-3072-P12BE	P-M 1.4G, 1GB RAM UNO-3072
UNO-3074-P32BE	P-M 1.8G, 1GB RAM UNO-3074
UNO-3272-C32E	C-M 1.86GHz, 1GB RAM UNO-3272
UNO-3282-D12E	Core 2 Duo 1.5GHz, 1GB RAM UNO-3282
UNO-WM72-AE	Wallmount Kit for UNO-3072L-C11E/3072-P11E
UNO-PM70-AE	UNO-3000 Series Panel-mount Kit and UNO-3074-P32E Wallmount Kit
UNO-SM70-AE	UNO-3000 Series Stand-mount Kit
PCLS-DIAGAW10	DiagAnywhere Remote Management and Control Utility



UNO-1000 Series Introduction & Features **DIN-rail Fanless Box PCs**

- Low-voltage XScale PXA255 200 MHz CPU
- Wide Operating Temperature up to 70° C
- Wide DC Power Input from 10 to 30VDC
- Compact Size with DIN-rail Mounting
- 32MB Flash Memory with Built-in Windows CE OS



Specifications:

CPU	Intel XScale PXA255 200MHz
Memory	64MB SDRAM
Storage	Onboard 32 MB Flash Memory
OS	Windows CE .NET 5.0 (Pre-installed on flash)
Serial Ports	2 x RS-232, 2 x RS-232/422/485
Ethernet Ports	2 x 10/100Base-T
Dimensions	46 x 162 x 126 mm (1.8" x 6.4" x 5")
Power input	10 ~ 30 Vdc, AT

Ordering Information:

UNO-1019ACE-A2E Marvell XScale PXA255, PCLS-DIAGAW10

64MB RAM UNO-1019 DiagAnywhere Remote Management and Control Utility



UNO-1019 is a DIN-rail Fanless Box PC, designed to handle communication gateway and protocol converter applications on the factory floor. Built rugged, its extra-low power consumption RISC-based architecture supports operating temperatures up to 70° C. Furthermore, its compact size with DIN-rail mounting makes it easily to be installed inside control cabinet. With built-in flash memory and Windows CE OS, UNO-1019 is ready to go, right out of the box.



Regional Service & Customization Centers

China	Taiwan	Netherlands	Poland	USA/ Canada
Kunshan	Taipei	Eindhoven	Warsaw	Milpitas, CA
86-512-5777-5666	886-2-2792-7818	31-40-267-7000	48-22-33-23-730	1-408-519-3800

Worldwide Offices

Greater China		Asia Paci	fic	Europe		Americas	
		Japan		Germany		North America	
Toll Free Beijing Tianiin	800-810-0345 86-10-6298-4346 86-22-2740-4048	Toll Free Tokyo Osaka	0800-500-1077 81-3-5212-5789 81-6-6267-1887	Toll Free Düsseldorf	00800-2426-8081 49-211-97477-310	Toll Free Cincinnati, OH Milpitas, CA	1-800-205-7940 1-513-742-8895 1-408-519-3898
Shanghai Hangzhou	86-21-3632-1616 86-571-5683-52929	Korea	01-0-0207-1007	<i>France</i> Grenoble	33-4-7670-4700	Brazil	1-400-319-3090
Chengdu Xi An	86-28-8545-0198 86-29-8766-9933 86-24-2281-2208	Toll Free Seoul	080-363-9494 82-2-3663-9494	<i>Italy</i> Milano	39-02-9544-961	Toll Free São Paulo	0800-770-5355 55-11-5592-5355
Wuhan	86-27-8733-9504	Singapore		Benelux & Nordi	cs		
Chongqing Shenzhen	86-23-6861-8289 86-755-8212-4222	Toll Free Singapore	001 800-9898-8998 65-6442-1000	Toll Free Roosendaal	00800-2426-8081		
Nanjing Changsha Hong Kong	86-25-8369-0030/26 86-731-4158-601 852-2720-5118	<i>Malaysia</i> Toll Free Penang	00 800-9898-8998 6-04-397-3788	UK Toll Free Ascot	00800-2426-8081		
Taiwan Toll Free Taipei	0800-55-77-99 886-2-2218-4567	Thailand Bangkok	66-2-248-3140	1.000			
Kaohsiung	886-7-229-3600	<i>India</i> Toll Free Bangalore	1-800-425-5070 91-80-2337-4567				
		Australia Sydney	1000 000 501				
		Melbourne	1300-308-531				



www.advantech.com/eA

Please verify specifications before quoting. This guide is intended for reference purposes only. All product specifications are subject to change without notice. No part of this publication may be reproduced in any form or by any means, electronic, photocopying, recording or otherwise,without prior written permission of the publisher. All brand and product names are trademarks or registered trademarks of their respective companies. © Advantech Co., Ltd. 2009