Portable Computing Platforms

Selection Guide

Model Name		MARS-1030 Numeric Keypad Version	MARS-1030 Full Keypad Version	MARS-1031 Numeric Keypad Version	MARS-1031 Full Keypad Version
Processor		Intel Xscale PXA255 400 MHz		Intel Xscale PXA270 520 MHz	
OS		Supports Windows CE .NET 5.0 Professional			
Memory		128 MB SDRAM			
Storage		64 MB NAND flash		128 MB NAND flash	
Graphics	Size/Type	3.5" transflective TFT LCD			
	Max. Resolution	240 x 320			
	Max. Colors	256 K			
	Viewing Angle (degree)	50/50			
	Touch Screen	4-wire resistive			
VGA	Chipset	nVidia 2D graphic accelerator			
	RAM	Internal 256 KB SRAM			
Brightness Control		Software control or hotkey control			
I/O Port		DC-in jack LIF connector (supports RS-232, USB v1.1 host/client)			
Keypad & Button	Keypad	16 Alphanumeric keys	44 Alphanumeric keys	16 Alphanumeric keys	44 Alphanumeric keys
	Button	Power button Three barcode scanner buttons Four application buttons Application hotkey (programmable) Four buttons for navigation (left, right, up, down)			
Expansion		1 x CF type II slot or PCMCIA slot 1 x SD/MMC slot			
Audio	Speaker	mono speaker			
	Microphone	-			
	Earphone	2.5 mm stereo earphone jack with microphone			
LED Indicator		1 x triple-color LED for charger indicator and alarm notification 1 x bi-color LED for scanner indicator			
Wireless Module	WLAN	802.11b (Optional)		802.11b/g (Optional)	
	Bluetooth	Bluetooth v1.2 (Optional)			
	WAN	Tri-band GSM/GPRS (Optional)			
Add-on Module		1D Barcode scanner (Optional) 2D Barcode scanner (Optional)			
Power	Battery	Li-ion battery pack 3.7 V, 3000 mAH			
	Battery Life	8 hours			
	Charging Time	4 hours			
	Adapter	Auto-switching 100 ~ 240 V AC, 50/60 Hz input; 5 V DC 2.6 A output			
Operating Temperature		-10 ~ 50° C			
Storage Temperature		-20 ~ 70° C			
IP Rating		IP54		IP65	
Drop Rating		5 ft free drop to concrete			
Certificate		UL/cUL, CE, FCC Class B			
Dimensions (L x W x D)		192.5 x 91.3/78 x 42.2/60.6 mm (7.58" x 3.6"/3.7" x 1.66"/2.39")	220 x 91.3/78 x 42.2/60.6 mm (8.66" x 3.6"/3.7" x 1.66"/2.39")	192.5 x 91.3/78 x 42.2/60.6 mm (7.58" x 3.6"/3.7" x 1.66"/2.39")	220 x 91.3/78 x 42.2/60.6 mm (8.66" x 3.6"/3.7" x 1.66"/2.39")
Weight		560 g with standard battery	660 g with standard battery	560 g with standard battery	660 g with standard battery
Reference Page		13-2	13-2	13-2	13-2

Selection Guide

Model Name		MARS-3100R	MARS-3100R with Sunlight Readable Solution	MARS-3100S
Processor		Intel Core Duo Ultra Low Voltage U2500 @ 1.2 GHz		AMD LX800 500 MHz
OS		Supports Windows XP compatible		Supports Windows XP Embedded
Memory		1 GB DDR2 533, 200-pin SODIMM		512 MB DDR 400, 200-pin SODIMM
Storage		Default 2.5" 40 GB shock mounted HDD		Default 4 GB CF for storage
Graphics	Size/Type	10.4" TFT LCD		10.4" TFT LCD
	Max. Resolution	XGA, 1024 x 768		SVGA, 800 x 600
	Max. Colors	256 K		256 K
	Viewing Angle (Degree)	50/90		120/100
	Touchscreen	Dual mode, digitizer and resistive touchscreen	Dual mode, digitizer and resistive touchscreen with sunlight readable solution	Resistive touchscreen
VGA	Chipset	Intel 945GME chipset		AMD CS5536 chipset
	RAM	64~224 MB shared memory		8~254 MB shared memory
Brightness Control		8-level brightness by software control		-
I/O Port		RS-232 Two USB v2.0 15-pin D-Sub for VGA out RJ-45 jack for 10/100 Ethernet DC in jack		RS-232 USB v2.0 15-pin D-Sub for VGA out RJ-45 jack for 10/100 Ethernet DC in jack
Keypad & Button	Button	Power button Logon button Rotation key (for display) WLAN ON/OFF button Three application hotkeys (programmable) 5-way navigation buttons (left, right, up, down, enter)		
Expansion		1 x internal MiniPCI for WLAN		
Audio	Speaker	Mono speaker		
	Microphone	3.5 mm microphone jack		
	Earphone	3.5 mm headset jack		
LED Indicator		1 x Power LED 1 x Charging LED 1 x HDD status LED 1 x WLAN ON/OFF LED		
Wireless Module	WLAN	802.11a/b/g		802.11a/b/g
	Bluetooth	Bluetooth V2.0/EDR module		Bluetooth V2.0/EDR module (Optional)
	WAN	GSM/GPRS (Optional) EDGE (Optional) CDMA (Optional) EVDO (Optional) UMTS (Optional)		
Add-on Module (Optional)		SiRFIII GPS module Smart card reader 1.3 Megapixel Autofocus CMOS camera Fingerprint scanner		
Power	Battery	Warm-swappable 11.1 V @ 3600 mAh Li-ion battery pack		
	Battery Life	2.5 ~ 3.5 hours		
	Charging Time	2.5 hours to 90%		
	Adapter	Auto-switching 100 ~ 240 V AC, 50/60 Hz input 19 V DC 3.16 A output		
Operating Temperature		-10 ~ 55° C		0 ~ 50° C
Storage Temperature		-40 ~ 60° C		-40 ~ 60° C
IP Rating		IP54		
Drop Rating		3 ft free drop to steel during operation		
Certificate		UL/cUL, CE, FCC Class B, CB		
Dimensions (L x W x H)		299 x 224 x 37 mm (11.77" x 8.82" x 1.46")		
Weight		2.1 kg (4.63 lb) with standard battery		
Reference Page		13-4	13-6	13-8

MARS-1031

Rugged Handheld Terminal

Features

- Intel XScale® Bulverde Processor (PXA270 520 MHz)
- Windows® CE.NET 5.0 OS pre-installed
- Equipped with 1D / 2D barcode scanner
- Optional WLAN 802.11 b/g and Bluetooth function
- Long battery life capability for up to eight hours operation
- Slim, palm-sized and lightweight

Introduction

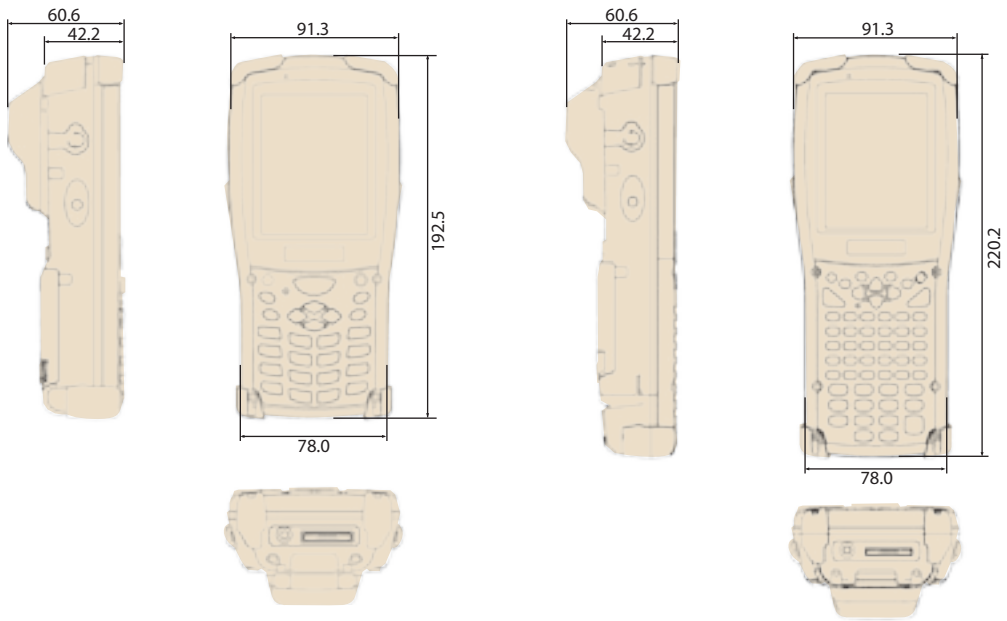
Designed as a compact handheld mobile terminal, the MARS-1031 is equipped with an Intel XScale PXA270 520 MHz processor and Windows CE.NET 5.0 operating system, for the highest performance and trusted reliability in retail, warehousing, logistic and ordering service applications. The optional 1D / 2D barcode scanner lets users collect information efficiently and communicates with back-end host data servers seamlessly through 802.11 b/g and Bluetooth. Wireless connectivity with peripheral devices such as portable printers or other devices is supported. To cope with harsh environments, MARS-1031 is rated as IP65 water and dust resistant. It is also designed for ruggedness and can withstand a 1.5 meter (5 ft) drop on concrete. The MARS-1031 is an OS-ready platform with WinCE.NET 5.0 pre-installed; WinCE.NET 5.0 is an open architecture platform that provides complete driver support, so users can develop application programs easily.

Specifications

System Kernel	CPU	Intel XScale PXA270 520 MHz Processor
	OS	Microsoft Windows CE.NET 5.0
	Flash Memory	64 MB (extendable to 128 MB)
	SDRAM	128 MB (extendable to 256 MB)
Display and Touchscreen	Display Type	3.5", 240 x 320 transflective TFT, 256K color
	Touchscreen	Yes, integrated
Optical	Barcode Scanner	Optional 1D / 2D laser scanner
	Supported Symbologies	UPC-E, UPC-A, EAN-13 / ISBN, EAN-8 / JAN-8, UPC-EAN add-ON 2/5, Interleaved 2 of 5, Industrial 2 of 5 / IATA, Plessey / MSI, Code 11, Codabar / NW7, Matrix 2 of 5, Code 39 / Code 32, Code 93, Code 128 / UCC EAN128, China Post, Code 4, GTIN, Korea Code 3 of 5, RSS, PDF417, DataMatrix, Aztec, Code 49, Postnet, QR code
Wireless Data Communications	WLAN	Optional, WLAN 802.11 b/g
	Bluetooth	Optional, Bluetooth v1.2 compatible, class 2 (10 m range)
	GSM/GPRS	Optional, Tri-Band GSM 900/1800/1900 MHz, GPRS Class 10
Communication Port	USB Client	Supports USB 1.1 client via USB client cable (within standard packing)
	USB Host	Supports USB 1.1 host via USB host cable (Optional)
	RS-232	Via RS-232 serial cable (Optional)
Expansion Slot	SD/MMC	One user accessible SD slot (Supports SD memory only)
	CF/PCMCIA	One user accessible CF Type II (default) or PCMCIA slot
Audio	Speaker	One built-in speaker
	Earphone	2.5 mm stereo earphone jack with microphone input
Mechanical	Dimensions	Length: (1031N) 192.5 mm (7.58") / (1031F) 220 mm (8.66") Width: (1031N) 91.3 mm / (1031F) 78 mm (3.66" / 3.07") Height: (1031N) 60.6 mm / (1031F) 42.2 mm (2.38" / 1.66")
	Weight	MARS-1031N: 560 g with standard battery pack MARS-1031F: 660 g with standard battery pack
	Keypad & Scan Button	- One power button - 4 navigation buttons - 4 application buttons - One Application hotkey - 3 barcode scanner buttons - 16 Alphanumeric Keys (1031N) or 44 Alphanumeric keys (1031F)
	Indicator	- One triple-color LED for charger indicator and alarm notification - One dual-color LED for scanner indicator
Environment	Operating Temp.	14 ~ 122° F (-10 ~ 50° C)
	Storage Temp.	-4 ~ 140° F (-20 ~ 60° C)
	Relative Humidity	5% ~ 95% (non-condensing)
	Water/Dust Resistance	IP65 Certificated
	Anti-shock	Withstands multiple 1.5 meter drops onto concrete
	Vibration	MIL STD810F
Power System	Main Battery	Li-ion 3000 mAh, 3.7V, 8 hour battery life in normal mode
	Backup Battery	Rechargeable 15 mAh, 2.4 V backup battery
	Adapter	100 ~ 240 V AC 50/60 Hz Input, 5 V DC @ 2.6 A Output

Dimensions

Unit: mm



Ordering Information (Basic Model)

Part Number	Description
MARS-1031N121A000E	3.5" TFT LCD with PXA270 520 MHz, 64 MB ROM and 128 MB SDRAM, English WinCE.NET 5.0 pre-installed. 16 numeric keys, US power cord, standard battery
MARS-1031F121A000E	3.5" TFT LCD withPXA270 520 MHz, 64 MB ROM and 128 MB SDRAM, English WinCE.NET 5.0 OS pre-installed. Full 44 keys, US power cord, standard battery
MARS-1031N321A000E	3.5" TFT LCD with PXA270 520 MHz, 64 MB ROM and 128 MB SDRAM, English WinCE.NET 5.0 OS pre-installed. 16 numeric keys, EU power cord, standard battery
MARS-1031F321A000E	3.5" TFT LCD with PXA270 520 MHz, 64 MB ROM and 128 MB SDRAM, English WinCE.NET 5.0 OS pre-installed. Full 44 keys, EU power cord, standard battery

Optional Modules

Part Number	Description
WLAN 802.11b/g module	None, or built-in with internal antenna
Bluetooth v1.2 class 2 module	None, or built-in with internal antenna
GSM/GPRS module	Tri-band GSM/GPRS module (CF or PCMCIA slot will be replaced if GSM/GPRS module is installed.)
Barcode engine	None, 1D scanner, or 2D scanner

Accessories

Part Number	Description
MARS-1030A-SDE	MARS-1030 Single dock
MARS-1030A-PISE	MARS-1030 Pistol
MARS-1030A-SBATE	MARS-1030 Standard capacity battery pack (3.7 V, 3000 mAh)
MARS-1030A-HBATE	MARS-1030 High capacity battery pack (3.7 V, 4000 mAh)
MARS-1030A-HBATCE	MARS-1030 high capacity battery cover
MARS-1030A-4SCE	MARS-1030 4 Slot battery charger
MARS-1030A-HSTE	MARS-1030 Holster
MARS-1030A-CCAE	MARS-1030 Car charging adapter
MARS-1030A-SERCE	MARS-1030 RS-232 Serial cable for terminal
MARS-1030A-USBHCE	MARS-1030 USB Host cable for terminal
MARS-1030A-RFIDCE	MARS-1030 PCMCIA card cover

Packing List

MARS-1031 Terminal
Stylus
USB Client Cable for Terminal
Earphone/ Microphone Set
Standard AC Adapter 5 V DC / 2.6 A
AC Power Cord
Standard Battery Pack (3.7 V, 3000 mAh)
CF Support Guide
Quick Guide

MARS-3100R

10.4" Fully-rugged Industrial Tablet PC

Features

- Rugged design protects system from shock/vibration damage
- IP54-rated, fully-sealed chassis for water/dust resistance
- Powerful communication capabilities with optional built-in WLAN, Bluetooth and GSM/GPRS/EDGE modules
- Supports Windows® XP for easy development
- Wide -10 to 55° C operation for extreme environments, like ironworks or icehouses

Introduction

The Advantech MARS-3100R series is a 10.4" Industrial Tablet PC for applications such as manufacturing, warehousing, factory maintenance, field service, transportation, and police, fire, or other emergency services. The rugged design of the MARS-3100R resists shock and vibration to safeguard data while on the move. The whole MARS-3100 chassis is fully sealed per IP54 ratings to prevent water and dust damage in outdoor applications. In addition, the optional built-in WLAN, Bluetooth and GSM/GPRS/EDGE modules facilitate data transfer and communications.

Powerful System

The MARS-3100R uses an Intel® Core™ Duo ULV U2500 1.2 GHz processor, making it the most powerful model of the MARS-3100 series. This enables the MARS-3100R to run demanding applications like live 3D CAD/CAE demonstrations and other professional programs.

Fully-rugged Design

The wide -10 to 55° C operating temperature, sunlight readable screen, and adjustable brightness features of the MARS-3100R make it a fully-ruggedized tablet PC that tolerates extreme environments while showing a clear picture.

Wireless Communication

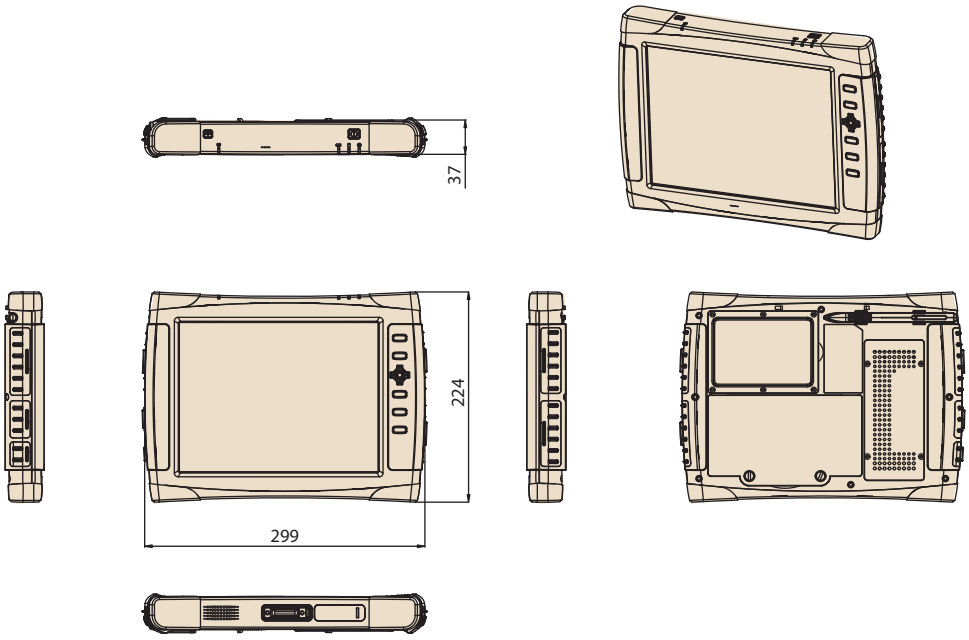
For people on the move, the MARS-3100R provides optional built-in GSM/GPRS/EDGE WAN, 802.11a/b/g LAN and Bluetooth PAN connectivity for complete wireless communication capabilities. All options come with a built-in internal antenna, so users can easily access remote databases or exchange information with others no matter where they are.

Specifications

Processor System	Processor	Intel Core Duo Ultra Low Voltage U2500 @ 1.2 GHz	
	Chipset	Intel 945GME	
	Graphic	Intel 945GME with 64~224 MB shared memory	
	Memory	- 1GB DDR2 533 MHz memory module in one 200-pin SODIMM slot	
	Storage	- Removable 2.5" 40 GB shock mounted HDD - Optional CF slot for storage	
	OS	Windows XP	
Display	Panel	- 10.4" XGA TFT LCD - Optional Sunlight Readable solution - 8-level brightness	
Communication	Wireless	Wireless LAN 802.11a/b/g (Default) (only Band1 and Band4)	
	WAN	GSM/GPRS/EDGE (Optional)	
	Bluetooth	Bluetooth V2.0/EDR (Default)	
User Control Interface		Dual panel input, Digitizer and resistive touchscreen 5-way navigation key 3 x application hotkeys (programmable) Logon button	Screen rotation key Power button WLAN ON/OFF button
I/O Interface	RS-232	1 x 9-pin D-sub RS-232	
	USB	2 x USB 2.0	
	LAN	1 x 10/100Base-T, RJ-45	
	VGA out	1 x 15-pin D-sub VGA	
	Audio	1 x Microphone jack 1 x Headset jack	
Power	Adapter	Auto-switching 100 ~ 240 V, 50 ~ 60 Hz supplying 19 V_{DC} @ 3.16 A	
	Battery	Warm-swappable 11.1 V @ 3600 mAh Li-ion battery pack	
	Battery Life	2.5 ~ 3.5 hours	
	Charging Time	2.5 hours to 90%	
Mechanical	Dimensions	229 x 224 x 37 mm (9.02" x 8.82" x 1.46")	
	Weight	2.1 kg (4.63 lb)	

Dimensions

Unit: mm



Specifications

Environment	Operation Humidity	0% ~ 95% non-condensing MIL-STD810F Method 507.4	
	Storage Humidity	0% ~ 95% non-condensing MIL-STD810F Method 507.4	
	Operation Temperature	-10 ~ 55° C MIL-STD 810F Methods 501.4 and 502.4 Procedure II Cold boot (battery mode): 0° C @ 50% charge Cold boot (adaptor mode): Any	
	Storage Temperature	-40 ~ 60° C MIL-STD 810F Methods 501.4 and 502.4 Procedure I	
	Thermal Shock	1.5 ~ 5° C / minute over -10 ~ 55° C MIL-STD810F-503.4	
	Water/Dust Resistance	IP54 equivalent	
	Drop	3 ft free drop to steel during operation. MIL-STD-810F, Method 516.5 Procedure IV	
	Vibration	Operation: MIL-STD 810F Methods 514.5C-1 for HDD and MIL-STD 810F Methods 514.5C-3 for CF Non-Operation: 0.04g²/Hz, 20Hz - 1000Hz, -6dB/octave 1000Hz-2000Hz, MIL-STD-810F method 514.5C-17	
	Mechanical Shock	Operating: 20g, 11ms, Terminal sawtooth Non-operating: 40g, 11ms, Terminal sawtooth, MIL-STD-810F method 516.5	
	Low Pressure	15,000 ft. In accordance with MIL-STD810F method 500.4 Procedure I	
Certifications and Standards	Certifications	- FCC, CE, UL/cUL, CBC	
	EMC	-EN55022 Class B -EN55011 Class A	-FCC Part15 Class B -DOC Class B
	EMS	- Contact: 4Kv/Air: 8Kv, EN55024	
	Safety	- UL/cUL, UL60950-1 - CB, IEC/EN60950-1	
	RF	- CE-R&TTE EN301489-1/-17 and EN 300328 - CE SAR test EN50385 - CE CAB report	- CE 28 country notify - FCC Part 15c and 15e - FCC SAR test OET 65.C

Ordering Information

Part No.	Description
MARS-3100R-175300E	MARS-3100R basic model, 40 GB HDD 1GB DDR2, 802.11 a/b/g, BT, with XP Pro (OEM)
MARS-3100R-175800E	MARS-3100R basic model, 40 GB HDD 1GB DDR2, 802.11 a/b/g, BT, GPRS, with XP Pro (OEM)
MARS-3100R-175312E	MARS-3100R basic model, 40 GB HDD 1GB DDR2, 802.11 a/b/g, BT, Fingerprint scanner, 1.3M AF CMOS, with XP Pro (OEM)
MARS-3100R-A75300E	MARS-3100R with Sunlight-readable solution, 40 GB HDD,1GB DDR2, 802.11 a/b/g, BT, with XP Pro (OEM)

MARS-3100S

10.4" Semi-rugged Industrial Tablet PC

Features

- Rugged design protects system from shock/vibration damage
- IP54-rated, fully-sealed chassis for water/dust resistance
- Powerful communication capabilities with optional built-in WLAN, Bluetooth and GSM/GPRS/EDGE modules
- Flexible I/O design for customization requirements
- Supports Windows® XP Embedded for easy development
- Fanless design

Introduction

The Advantech MARS-3100S series is a 10.4" Semi-rugged Industrial Tablet PC for applications such as manufacturing, warehousing, factory maintenance, field service, transportation, as well as police, fire, or other emergency services. The rugged design of the MARS-3100S resists shock and vibration to safeguard data while on the move. The whole MARS-3100S chassis is fully sealed to IP54 ratings to prevent water and dust damage in outdoor applications. In addition, the optional built-in WLAN, Bluetooth and GSM/GPRS/EDGE modules facilitate data transfer and communication.

Low Power Consumption

The MARS-3100S uses an AMD LX800 500 MHz processor, making it the most power-efficient model of the MARS-3100 series. This enables the MARS-3100S to be fanless and consume less than 15 W of power.

Cost Competition

The fanless and power-efficient design of the MARS-3100S makes it ideal for light-duty industrial applications. The MARS-3100S is a semi-rugged tablet PC that has the same strong chassis as the MARS-3100R, at a lower cost.

Wireless Communication

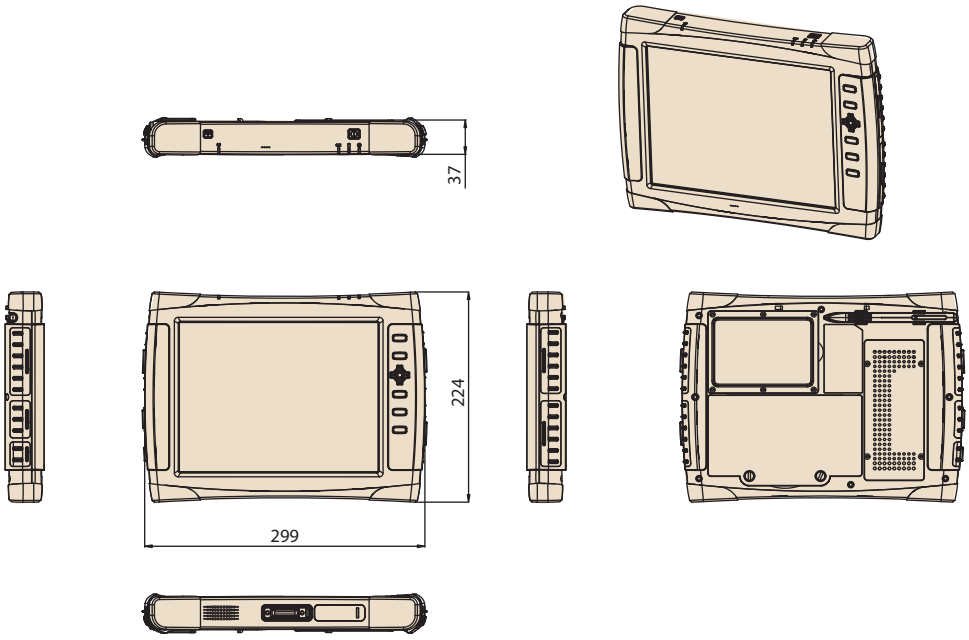
For people on the move, MARS-3100S provides optional built-in GSM/GPRS/EDGE WAN, 802.11a/b/g LAN and Bluetooth PAN connectivity for complete wireless communication capabilities. All options come with a built-in internal antenna, so users can easily access remote databases or exchange information with others no matter where they are.

Specifications

Processor System	Processor	AMD LX800 500 MHz	
	Chipset	AMD CS5536	
	Graphic	AMD CS5536 with shared memory	
	Memory	- 512 MB DDR 400 MHz memory module in one 200-pin SODIMM slot	
	Storage	- Default 4 GB CF - Optional 2.5" shock mounted HDD	
	OS	Supports Windows XP Embedded	
Graphics	Panel	10.4" SVGA TFT LCD	
Communication	Wireless	Wireless LAN 802.11a/b/g (Default) (only Band 1 and Band 4)	
	WAN	GSM/GPRS/EDGE (Optional)	
	Bluetooth	Bluetooth V2.0/EDR (Optional)	
User Control Interface		Resistive touch screen 5-way navigation key 3 x application hotkeys (programmable) Logon button	Screen rotation key Power button WLAN ON/OFF button
I/O Interface	RS-232	1 x 9-pin D-sub RS-232	
	USB	1 x USB 2.0	
	LAN	1 x 10/100Base-T, RJ-45	
	VGA Out	1 x 15-pin D-sub VGA output	
	Audio	1 x Microphone jack 1 x Headset jack	
Power	Adapter	Auto-switching 100 ~ 240 V, 50 ~ 60 Hz supplying 19 V_{DC} @ 3.16 A	
	Battery	Warm-swappable 11.1 V @ 3600 mAh Li-ion battery pack	
	Battery Life	3.5~4 hours	
	Charging Time	2.5 hours to 90%	

Dimensions

Unit: mm



Specifications

Mechanical	Dimensions	229 x 224 x 37 mm (9.02" x 8.82" x 1.46")	
	Weight	2.1 kg (4.63 lb)	
Environment	Operation Humidity	0% ~ 95% non-condensing MIL-STD810F Method 507.4	
	Storage Humidity	0% ~ 95% non-condensing MIL-STD810F Method 507.4	
	Operation Temperature	0 ~ 50° C MIL-STD 810F Methods 501.4 and 502.4 Procedure II	
	Storage Temperature	-40 ~ 60° C MIL-STD 810F Methods 501.4 and 502.4 Procedure I	
	Thermal Shock	1.5 ~ 5° C / minute over 0 ~ 50° C MIL-STD810F-503.4	
	Water/Dust Resistance	IP54 equivalent	
	Drop	3 ft free drop to steel during operation. MIL-STD-810F, Method 516.5 Procedure IV	
	Vibration	Operation: MIL-STD 810F Methods 514.5C-1 for HDD and MIL-STD 810F Methods 514.5C-3 for CF Non-Operation: 0.04g²/Hz, 20Hz - 1000Hz, -6dB/octave 1000Hz-2000Hz, MIL-STD-810F method 514.5C-17	
	Mechanical Shock	Operating: 20g, 11ms, Terminal sawtooth, Non-operating: 40g, 11ms, Terminal sawtooth, MIL-STD-810F method 516.5	
	Low Pressure	15,000 ft. In accordance with MIL-STD810F method 500.4 Procedure I	
Certifications and Standards	Certifications	FCC, CE, UL/cUL, CB	
	EMC	- EN55022 Class B - EN55011 Class A	- FCC Part15 Class B - DOC Class B
	EMS	- Contact: 4Kv/ Air: 8Kv, EN55024	
	Safety	- UL/cUL, UL60950-1 - CB, IEC/EN60950-1	
	RF	- CE-R&TTE EN301489-1/-17 and EN 300328 - CE SAR test EN50385 - CE CAB report	- CE 28 country notify - FCC Part 15c and 15e - FCC SAR test OET 65.C

Ordering Information

Part No.	Description
MARS-3100S-1B1100E	MARS-3100S basic model, 4GB CF, 512MB DDR, 802.11 a/b/g, with XPE (Eng.)
MARS-3100S-1B1600E	MARS-3100S basic model, 4GB CF, 512MB DDR, 802.11 a/b/g, GPRS with XPE (Eng.)
MARS-3100S-1B1700E	MARS-3100S basic model, 4GB CF, 512MB DDR, 802.11 a/b/g, EDGE with XPE (Eng.)

MARS-3100-BASE

Desktop Docking Base

Features

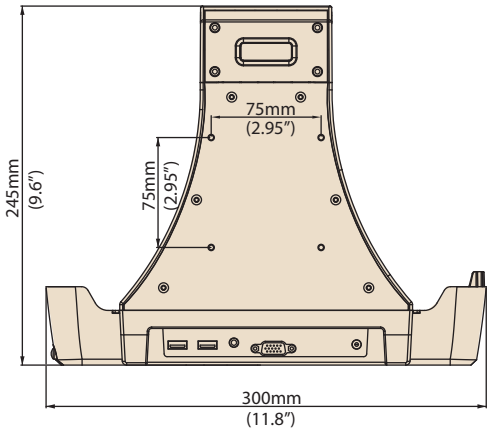
- Perfect for indoor/office usage
- Extended I/O ports: USB, VGA, and Audio out
- Mounted using any VESA compatible mounting kit
- Tightly held tablet provides stable signal during vibration/ shock
- Weighted metal base lets the tablet operate stably at any angle

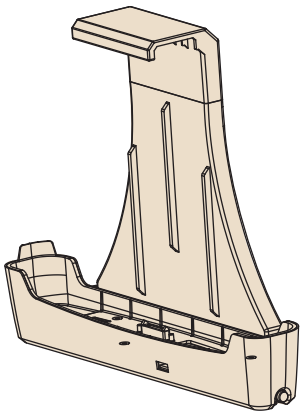
Specification

I/O Spec	USB 2.0 x 1 on the front and USB 2.0 x 2 on the back
	VGA out x 1 on the back
	Audio out x 1 on the back
	DC-in x 1 on the back
VESA mount spec	75 mm x 75 mm standard VESA mount

Dimensions (MARS-3100-CRADLE)

Unit: mm (inch)





Packing Lists (MARS-3100-BASE)

MARS-3100-CRADLE
RAM Zinc mount base
RAM Double socket arm mount with 75 mm VESA PLATE

Ordering Information

Part Number	Description
MARS-3100-BASE	MARS-3100 desktop docking base
MARS-3100-CRADLE	MARS-3100 docking cradle
MARS-3100-CHARGERE	MARS-3100 3-in-1 battery charger
1990003290	MARS-3100 stylus
9680004553	MARS-3100 Digitizer stylus
9680004425	MARS-3100 standard battery pack
9689000450	MARS-3100 19V/60W AC adapter
1700001524	MARS-3100 US power cord

Memo