



9400 series

Industrial Mobile Computer

Built powerful and compact, the 9400 Series puts more capabilities in the palm of your hand to make your work simpler and faster.

All the right data-capture, display and input devices are integrated with wireless communication, signature- and image-capture technologies in the new 9400. Manage more information from more places, using barcode, RFID, camera, keyboard, and touch screen. Put the whole world in one hand with the new 9400 from CipherLab.

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Faster, More Efficient Field Sales and Service

No matter where you are in the field or what you're doing, with the 9400 Series you're never out of touch with the critical information you need to sell more or complete service faster. The latest customer information, purchase trends, and product usages are instantly available from your host systems through Wi-Fi or GSM/GPRS/EDGE networks to keep you proactive, productive, and ready to respond to your customers' needs with exact product solutions. Scan product codes, place and confirm orders, capture customer signatures—even converse with your office using Voice over IP—while still on site. With the small, comfortable 9400 Series, it's easier to take care of your customers' product needs anytime, anywhere.

For field service activities, the 9400 Series makes your work easier and faster, giving you access to the information and tools you need in the field, while making it easier to understand technical data on the screen. Supporting multiple methods for data input—keypad, touchscreen, barcode, and signature capture—and offering a high-resolution VGA display and a two megapixel camera, the 9400 Series gives you more ways to search, find, and view information, while documenting activities and confirming service completion with customers.

Unstoppable Retail

With the power of your Windows®-based retail applications, multiple AIDC capabilities, wireless networks, and Bluetooth connectivity, the 9400 Series makes it easier than ever to manage products and track, and even process sales. Whether you're working on the sales floor or out of a delivery truck, the 9400 Series enables you to scan and update inventory, take orders—with signature capture—and send replenishment data. Wi-Fi and GSM/GPRS/EDGE connectivity keep you connected to your server applications whether they're located in the same facility or across the country. While you might be at a satellite store, the 9400 Series will put your entire company operation in the palm of your hand.

Limitless Applications

What could be better than an incredibly easy to use and lightweight AIDC tool? One that easily masters your business applications, empowering your workforce with all the tools available in your host systems. The 9400 Series, based on Windows CE 5.0 and supported by a wide variety of development tools, puts incredible computing possibilities in your employees' hands.

DEVELOPMENT TOOLS	CIPHERLAB SOFTWARE SOLUTIONS
<i>Microsoft® eMbedded Visual C++ 4.0</i>	CipherLab STREAM Wireless Studio
<i>Microsoft® Visual Studio 2005</i>	CipherLab FORGE Application Generator
<i>Microsoft® Visual Studio.NET</i>	CipherLab MIRROR Terminal Emulators and Browser
<i>Windows CE SDK</i>	MCL -Collection
	Wavelink® Avalanche® and Emulators

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Wide Acceptance, Broad Application

Retail, manufacturing, field service, government agency, and healthcare industries benefit daily from CipherLab's innovative designs, comfortable ergonomics, ruggedness, performance features, and solid value in a full range of mobile computer products.

Comfortable and Easy to Work With, Yet Rugged and Powerful

BUILT STRONG FOR EXTREME ENVIRONMENTS.

Bumps, drops, cold, heat, humidity, and daily use. These are the reasons we designed the 9400 Series for everyday work environments. It can withstand repeated 1.5m drops onto concrete, temperatures from -10 to 50° C with up to 95% humidity, and dusty, wet environments to IP64 specifications. It's even been tested to continue to deliver the performance you need after being tumble-dropped thousands of times.

PERFECT FOR DEMANDING, ENTERPRISE-WIDE SYSTEM SOLUTIONS.

Designed around industry-leading Intel® XScale™ Technology and Windows CE operating systems, the 9400 Series delivers maximum computing power with multimedia, energy efficiency, and easy application and system integration capabilities. Its large memory capacity; a wide range of application development support from Microsoft, CipherLab, MCL and Wavelink; miniSD slot; and VoIP support maximize flexibility and scalability for large system applications.

EASY TO CARRY. EASY TO USE.

There are so many things about the 9400 Series that make it the best AIDC tool. Because it's small, lightweight, and comfortable, it's easy to use all day long. A true VGA screen option for crystal clarity makes it easy on your eyes, while giving you the highly detailed images you need. A 3.5-inch transreflective, backlit display lets you easily view information indoors and in bright daylight. Multiple feedback methods keep you informed of system activities. And the option of a 28- or 59-button alphanumeric keypad lets you adapt the 9400 Series to your work—not the other way around.

THE PERFECT TOOL WHEREVER YOU NEED IT.

Built to keep you in touch, the 9400 Series integrates a range of communications options. 802.11b/g WLAN enables instant communications at the highest speeds with back-end systems through local access points. GSM/GPRS/EDGE WWAN gives you maximum productivity in the field by allowing you to view information and update corporate data from anywhere. Bluetooth Class 2 lets you expand capabilities with headsets, magnetic card readers, printers, and much more.



**CIPHERLAB PRODUCTS ARE
VALUED WORLDWIDE FOR
ENGINEERING EXCELLENCE.**

**THE 9400 SERIES
IS ANOTHER EXAMPLE OF
TECHNICAL INNOVATION AND
QUALITY VALUE FOR TODAY'S
AIDC SOLUTIONS.**

SPECIFICATIONS

9400 series

Industrial Mobile Computer

CipherLab 9400 and 9500 are both rugged, Windows-based mobile computers, ready to go to work for you.



Model 9400 9470 9480 9490

Performance	Operating system	Microsoft® Windows® CE 5.0 Professional			
	CPU	Intel® XScale™ PXA270 @ 520 MHz			
	Memory	128MB Flash ROM / 128MB SDRAM			
	Expansion	Mini SD® slot			
	Operating power	Removable, rechargeable 3.7 V 1800 mAh Li-ion battery			
		Adapter: AC 110 V / 220 V input, DC 6 V / 3.3 A output via cradle			
	Working hours¹	10 hours batch mode 8 hours WLAN mode			
	Backup power	3.7 V 70 mAh Lithium battery			
		Data sustained 20 hours minimum			
Alerts	Audio speaker / Vibrator / Tri-color LEDs				
Microphone	via Bluetooth or wired headset				
Wireless Communication	WLAN	-	Wi-Fi 802.11 b/g 250 m line of sight²	-	Wi-Fi 802.11 b/g 250 m line of sight²
	WPAN	Bluetooth Class 2			
	WWAN	-	-	GSM/GPRS/EDGE (Quad-band)	
Data Capture	Barcode scanning	Linear imager / Laser / 2D imager			
	RFID reader/writer	Frequency: 13.56 MHz Supported tags: ISO 14443A, ISO 14443B, ISO 15693, Tag-it			
	Digital camera	2 megapixels CMOS			
Physical Characteristics	Display	3.5" Color VGA or QVGA, TFT transfective, touch screen, LED backlit			
	Keypad	28 shared or 59 full alphanumeric LED backlit keys			
	LED	Green, red, blue tri-color			
	Size (L x W x H) Weight	170 x 90 x 38 mm / 6.7 x 3.5 x 1.5 in 400 g / 14.1 oz., (configuration dependent)			
User Environment	Operating temp.	-10°C to 50°C / 14°F to 122°F			
	Storage temp.	-20°C to 60°C / -4°F to 140°F			
	Humidity	5% to 95% non-condensing			
	Impact resistance	Multiple 1.5 m (5 ft.) drops onto concrete (5 drops on each facet) 2000 tumbles (50cm) / IP64			
	Electrostatic discharge	± 15 kV air discharge; ± 8 kV direct discharge			
	EMC regulation	CE, FCC, RSS-210, TELEC, C-Tick			
Programming	eMbedded Visual C++ 4.0, Visual Studio.NET, Visual Studio 2005, Windows CE SDK, Reader Configuration Utility, CipherLab Power Suite FORGE Application Generator, STREAM Wireless Studio, MIRROR Terminal Emulation, Wavelink, MCL				
Accessories	Charging and USB client/host communications cradle, vehicle cradle, travel cradle, 4-slot terminal charger, 4-slot battery charger, belt holster, protective cover, pistol grip, USB Ethernet adapter				
Warranty	1 year				

¹ Based on one standard laser scan per five seconds with backlight on

² Effective coverage depends on user environment and equipment deployment. It is highly recommended to conduct a site survey before actual deployment.

ACCESSORIES

Charging and Communication Cradle USB client / USB host



Vehicle Cradle



Travel Cradle



Pistol Grip



USB Ethernet Adapter



Belt Holster



Protective Cover



4-Slot Battery Charger



4-Slot Charging Cradle



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