CIPHER LAB
Smarter

8400 series

Light Industrial Mobile Computer

Purposely designed to improve productivity, the 8400 series puts powerful mobile applications with fast and east data access in the hands of the workers always on the go. An optimal combination of functionality, value and features in a rugged, ergonomic form, the 8400 series is ideal to accelerate warehousing activities and quickly deploy integrated applications.

LINEAR IMAGER LASER | 2D IMAGER | NUMERIC KEYPAD | ALPHANUMERIC KEYPAD | MICRO SD | 1.5M MULTIPLE DROPS | IP54 | 1,000 TUMBLES AT 1M

Improve productivity

The 8400 enables smarter decisions and enhanced business agility by taking powerful data applications directly to the point of work. You'll reap the benefits in warehousing stock control, picking and order processing, manufacturing goods control, retail in-store, DSD, and field sales force automation.

Streamline complication

Accelerate warehousing and data management tasks all shift long with the 8400. Intelligent design makes it easy to view information, quickly enter data, and communicate wirelessly to peripherals and servers. It's quick to deploy, rugged, and reliable, delivering low TCO (total cost of ownership) throughout its long life. No matter how you measure, the 8400 series is smarter—for the worker, IT, and the business.

Power Suite maximizes your abilities

Cipherlab's Power Suite helps you create custom configurations and mobile applications, quickly and efficiently. FORGE application generators custom-build an application that's perfect for your situation. MIRROR terminal emulators combine the complexity of mainframe applications with mobile versatility. BLAZE compliers turn C or Basic Code into efficient applications.

When a proprietary OS is ideal

The smartest business outcomes match function to the task at hand. Warehousing and manufacturing applications don't benefit from color pictures for efficient workflows—instead, they need the 8400's computing power, flexibility, and features. Without an elaborate operating overhead, the 8400 puts a lighter load on the processor, giving maximum work time between battery charges. And, because it won't need frequent system and security updates, the 8400 series needs less maintenance for lower TCO and higher ROI (return on investment).

Terminal Emulation Extends Mainframe Applications

In today's technology-evolving environment, mobilizing applications running on existing mainframe systems is the smart, low-cost to catch operation efficiencies up to date. A purposely designed, rugged mobile computer, the 8400 with terminal emulation programs mobilizes a warehousing workforce and extends applications from a workstation to the point of work.

VT terminal emulation

The 8400 is able to emulate terminals VT100. VT220, and TN5250. A bigger, brighter display, function-specific alphanumeric keys and extended battery life bring the power of terminal emulation to the work floor anytime you wish to do so.

Powerful, mobile terminal emulation with data capture and wireless capabilities for efficient warehousing operations

From small to massive operations, when mobile workers use more effective tools, they accomplish more accurate work, faster.

STAY COMPLETELY MOBILE ALL SHIFT LONG

2.6-inch, 160x160-pixel backlit display

29- or 39-key keypad with 8 or 20 function keys

CipherLab's Power Suite software

CAPTURE MORE DATA— STORE MORE DATA

The 8400 offers a choice of linear imager, laser, or 2D imager to give you the right reader for your situation. With 4MB or 16MB onboard storage, the 8400 features one MicroSD slot with SDHC support.

SEE MORE INFORMATION— GET MORE DONE

The largest-in-class backlit, 2.6-inch, 160×160 pixel display makes work easy, even in dark corners. A 39-key keypad with 20 function keys or a 29-key keypad with 8 function keys allows you to match the format to your needs. You quickly see why the 8400 series is the best choice for warehousing operations.

KEEPS YOU WORKING EVEN IN HARSH ENVIRONMENTS

Bumps, drops, cold, heat, water, humidity, and constant use: all enemies of electronics. We designed the 8400 series to work in the most difficult environments. It's built to demanding IP54 standards and easily survives 1.5 m impact and 1 m tumble testing.

CIPHERLAB PRODUCTS ARE VALUED WORLDWIDE FOR ENGINEERING EXCELLENCE.
THE 8400 SERIES IS ANOTHER EXAMPLE OF TECHNICAL INNOVATION
AND QUALITY VALUE OF TODAY'S AIDC SOLUTIONS.

8400 Series
Light Industrial Mobile Computer

		8400
Communication	Options	Batch
Performance	CPU	32-bit
	Memory	4 MB Flash / 4 MB or 16 MB SRAM
	Expansion	micro SD slot with SDHC support
	Operating power	Rechargeable lithium battery: 3.7V, 1800 mAh
	Backup power	Rechargeable lithium battery: 3.0V, 18 mAh
	Working hours[1]	110 hours
	Data retention	25 days
	Alert	Two dual-color LEDs (red / green, blue / green), vibrator, volume programmable beeper
Data Capture	Barcode scanning	Linear imager / Laser / 2D imager
Physical Characteristics	Display	160 x 160 display, white LED backlight
	Keypad	29 or 39 rubber keys, white LED backlight
	Dimensions L x W x H	170.6 x 72.1 x 40.6 mm / 6.7 x 2.8 x 1.6 in.
	Weight (laser including battery)	295 g / 10.4 oz.
User Environment	Operating temperature	-10°C ~ 55°C / 14°F ~ 131°F
	Storage temperature	-20°C ~ 70°C / 4°F ~ 158°F
	Humidity (non-condensed)	Operating: 10% - 90% / Storage: 5% - 95%
	Impact resistance	Multiple 1.5 m drops onto concrete, 5 drops on each side, 1000 tumbles at 100 cm, IP54
	Electrostatic discharge	± 15kV air discharge, ± 8kV direct discharge
	EMC regulation	BSMI, CE, RCM, FCC, IC, NCC
Development software		CipherLab Power Suite BLAZE C Compiler and BASIC Compiler.
Application software		CipherLab Power Suite FORGE Application Generator including data transmission OCX, MIRROR Terminal Emulator
Cradles		Charging and communication cradle, Ethernet cradle, GSM/GPRS cradle (EDGE / Quad-band, FCC certified)
Accessories		4-slot battery charger, protective cover, RS232 charging and communication cable, USB charging and communication cable
Warranty		1 year

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

ACCESSORIES

Charging and Communication Cradle

Protective Cover

4-slot Battery Charger

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