

# atlanta 8000 series mobile computer

The latest generation Belgravium hand-held is the **Atlanta 8000 Mobile Computer**.

Combining the impressive core processing power of the Atlanta with local and wide area wireless technologies can provide startling productivity and efficiency gains for your business. Typical applications and benefits include:

- Adding bar code scanning to a wireless mobile computer to provide **picking accuracies of 99.9%** in a warehouse or store environment.
- Automating data transfer between a control centre and mobile field service team, eliminating voice communication and **reducing cost per service call by 15%**.
- Providing wireless email and personal information management functions to community-based healthcare workers, **saving an estimated five to six hours weekly** in administration time.

A thorough examination of your business processes will reveal many functions that could benefit from the **'connect anywhere'** and **rapid data transfer** capabilities of wireless computers. Better still, the return on the investment for wireless systems is often measured in months rather than years.

## Some of the many key features of the Atlanta 8000 Series

- Innovative shock absorbers on the scan engine, combined with high impact plastic alloy casing and bonded over-moulding ensure unit can survive extreme environments
- An optional pistol grip, ideal for extended use within intensive scanning environments such as a busy warehouse
- Narrow band, spread spectrum, GSM/GPRS and Bluetooth radio options for maximum interoperability
- A high contrast 1/4 VGA touch screen display, ideal for use in direct sunlight
- A range of bar code and RFID tag reading options
- Optimum Power Management – standard and extended power options to suit your individual application

See reverse for the technical specification.



Atlanta 8000 Series



**BELGRAVIUM**  
LEADERS IN REAL-TIME TECHNOLOGY

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## TECHNICAL SPECIFICATION

MODEL	ATLANTA 8000 SERIES	MODEL	ATLANTA 8000 SERIES
<b>ENVIRONMENTAL</b>		<b>MOBILE COMMUNICATIONS OPTIONS</b>	
Ergonomic Pistol Grip:	Optional	Radio (Direct Sequence):	IEEE802.11b (WiFi) 11Mbps DSSS 2.4GHz
Lightweight (with standard battery):	360g (Pistol Grip Handle 85g)	Radio (Frequency Hopping):	IEEE802.11 2Mbps FHSS 2.4GHz
Compact Size H x W x L (mm):	33x85x170 (165x85x170 Pistol Grip Option)	Bluetooth	✓
Rugged Casing:	Withstands 1.5m Drop to Hard Surface	GSM/GPRS (Voice & Data)	✓
Rubber Moulded Bumpers:	High Impact Shock Absorbers	<b>INTERNAL SCANNER OPTIONS</b>	
Operating Temperature:	-5°C to 50°C, 23°F to 122°F	Standard Range	✓
Storage Temperature:	-20°C to 50°C -4°F to 122°F	Long Range	✓
Relative Humidity:	95% (Non Condensing)	High Performance	✓
Case Material:	High Impact Polycarbonate Plastic Alloy	<b>RFID + SCANNER OPTIONS</b>	
IP Rating:	IP65 Rain Dust Compliance	LF 125KHz	✓
<b>POWER</b>		HF 13.56MHz -3	✓
Standard Lithium Polymer Battery:	1600MAH, 6 Hrs Between Charges	LF 125KHz + Laser Scanner -3	✓
Extended Lithium Polymer Battery:	3200MAH up to 16 Hrs Between Charges	HF 13.56MHz + Laser Scanner -3	✓
Memory Backup Battery:	SuperCap (Guarantees Data Integrity)	<b>KEYBOARD INTERFACE</b>	
Power Management:	Belgravium Optimum Power Management (OPM)	Backlit Keypad	✓
<b>LIQUID CRYSTAL DISPLAY (LCD)</b>		10 Function Keys	✓
Type:	Colour TFT (High Visibility in direct sunlight)	0-9 Numeric Keys	✓
Size:	1/4VGA Colour 3.8"	Alt, On/Off, Programmable & Enter Keys	✓
Resolution:	240x320 Pixels	Up, Down, Left & Right Cursor Keys	✓
Programmable Backlight:	Brightness and Timing Adjustable	Pistol Grip: Scan, Up/Down Cursor Keys	✓
Touch Screen:	Industrial Strength, Finger or Stylus Operated	<b>ACCESSORIES</b>	
<b>HARDWARE</b>		Headset	✓
CPU:	Intel 32 bit	Leather Carry Case	✓
Flash Memory:	32Mb	Leather Holster	✓
Memory:	64Mb	High Durability 'Plastic' Carry Case	✓
Speaker (Integral):	SPL88dB@10cm	Desk Top Charger & Communications Cradle	✓
Microphone (Integral Noise Cancelling):	-51dB@50cm	Wrist Strap	✓
<b>INTERFACES</b>		Hand Strap	✓
Serial Port:	RS232	Portable Printer	✓
Infrared Serial Port:	IrDA (115Kb/sec up to 4Mb/sec)	Vehicle Cradle	✓
PCMCIA:	Type I/ II	6 Gang Charger	✓
Compact Flash:	Option		
Output:	External Device Power 5Vdc		
USB (Universal Serial Bus) Port:	Standard via Cradle		
Headset Interface:	Standard		



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