

# DS 5

## Rugged Mobile Computer

Purpose-built design to meet  
unique needs of heavy tasking mobile workers in industries



One-hand  
Fitting Grip



3.5/4.3 inch  
Display



Rugged  
Display  
Construction



IP 67



1.8m Drop



Large Battery  
Capacity



Enterprise  
Class



Mini USB  
Charging  
& Sync



1D/2D  
Barcode



RFID



GPRS/EDGE  
Class 12



HSPA+



CE 6.0  
WEH 6.5



# Purpose-built design to meet unique needs of heavy tasking mobile professionals in industries

The new Mobilebase DS5 series is perfect companion to field professionals to stay active in manufacturing, retail, warehouse, distribution center, logistics and other field services wherever rugged mobile computers are deployed. Packed with ARM based Cortex™ A8 1GHz processor and 512MB RAM memory, it delivers superior computing response time to power-hungry enterprise applications that handle rigors of various environments-purpose-built to help increase productivity. 5200mAh, the largest battery capacity ensure business critical mobile professionals to stay full business operation hours. Mobilebase DS5 series is solid, dependable and

powerful. DS5 provides unique 3 different display options in same rugged construction architecture. 3.5 inch VGA, and QVGA screen option ensuring painless integration to existing enterprise applications. Large 4.3 inch WVGA screen delivers comfort and precise view to improve user experience. IP67 sealing completely ensures to standing up from dust intrusion and water immersion. In all important aspects, it is mightily impressive that it has managed to integrate all the large features and ruggedness into naturally fitting smaller body without any added bulk than most of current competition in the ultra-rugged class. It is sleek and lightweight form factor to deliver comfort one hand operation where heavy task workers can take anywhere their business takes day to day.



## Features

- One-Hand fitting compact grip design  
Large 3.5 inch, or 4.3 inch display
- Rechargeable and replaceable 5200mAh  
extra large capacity battery
- IP67 certified and 1.8m drop resistance
- Easy swappable numeric keypad and  
full alphanumeric keypad
- Single mini USB cable to simplify charging  
and data sync
- Powerful ARM Cortex™ A8 1Ghz processor to  
deliver superior performance to the most  
demanding applications

## Specifications

Characters	DS5	DS5 wide
Display	3.5 inch - VGA 480X640 - QVGA: 240X320	4.3 inch - WVGA 480X800
Dimensions (mm)	212x78 (grip:58)x37	225x78(grip:58)x37
Weight (g)	393g	410g
Battery	Li-ion 3.7V 5200mAh Li-ion	
Backup Battery	130mAh Li-ion battery	
Operating System	Windows Embedded CE6.0, Windows Embedded Handheld 6.5	
Processor	ARM Cortex™ A8 1Ghz	
Memories(RAM/ROM)	512MB/1GB	
USB	High-speed USB2.0 (Host-Client)	
External Interface	Mini USB, Micro SD slot, SIM slot (optional), SAM slot (optional)	Mini USB, 3.5V TTL COM (Back side), micro SD slot, SIM slot (optional), SAM slot (optional)
Sound & Mic	Louder Speaker, Receiver, Mic	
LED & Indication	Charging LED, Network LED, Scan alarm LED, Modifier key status LED, Vibration	
Key board (User swappable)	34 Numeric Keys (Numbers with Alpha, Programmable keys F1~F10) 54 Keys (Full Alpha & Numeric keys)	
Scanning triggers	4 triggers (center, left & right side keys, back)	
Sealing & Drop	IP67, 1.8m multi-drop resistance to concrete	
Storage Temperature	-30°C to 70°C	
Operating Temperature	-20°C to 70°C	
Humidity	95% non-condensing	
Regulatory	KCC, CE, RoHS, CCC, NAL, SRRC	

### Optional Integration Features

WWAN	UMTS/HSPA+: 800/850/900/1900/2100MHz, GSM/GPRS:850/900/1800/1900MHz	
WLAN	IEEE 802.11 b/g/n (2.4Ghz), Optional 802.11 a/b/g (Dual band)	
WLAN Security	WEP, WPA, -PSK(TKIP), WPA2-PSK(AES), 802.1X EAP-FAST, EAP-TLS, EAP-TTLS, PEAP-GTC, PEAP-MSCHAPv2, PEAP-TLS, LEAP	
WPAN	Bluetooth Class II v2.1 with EDR	
Scanner	<ul style="list-style-type: none"> <li>• 1D Laser</li> <li>- Motorola SE955 (SR)</li> <li>- Motorola SE965 (LR)</li> <li>- Motorola SE1524 (EXR)</li> <li>• 2D Imager</li> <li>- 5100 green LED aimer (Adaptus5.0)</li> <li>- 5300 red laser aimer (Adaptus5.0)</li> <li>- N5600 green LED aimer (SR/HD, Adaptus6.0)</li> </ul>	<ul style="list-style-type: none"> <li>• 1D Laser</li> <li>- Motorola SE955 (SR)</li> <li>- Motorola SE965 (LR)</li> <li>• 2D Imager</li> <li>- 5100 green LED aimer (Adaptus5.0)</li> <li>- 5300 red laser aimer (Adaptus5.0)</li> <li>- N5600 green LED aimer (SR/HD)</li> </ul>
RFID	HF	13.56 MHz, ISO14443A/B, 15693, 18000-3
	LF	-
	UHF	N/A
Camera	5.0M Pixel AF with Flash	
GPS	A-GPS	
Warranty	1 year manufacturer's warranty	

### Enterprise Mobility Portfolio

- TE (IBM3270/5250, Telnet VT100/220/420 HP2392A, HP700/92, Fujitsu 6681, Quantum QNX, StratusV102/103/105)
- Hot key • Lock Application • Summit Utility Client (WLAN management tool)

### Default Accessories

- Mini USB cable for data sync and charging through PC
- Screen protection film
- Hand strap
- AC Adapter (USB type)
- Stylus pen and string

### Optional Accessories

- Desktop cradle -USB: charging, mini USB (Client), USB (Host), RS232
- Vehicle cradle: Mounting only (power supply through Snap on)
- Desktop cradle -Eth: charging, mini USB (Client), Ethernet, RS232
- mini USB data & charging cable
- Snap on: charging, USB sync, RS232
- Gun trigger
- 4 Slot cradle: charging, Ethernet
- RFID Gun trigger (UHF)

For more information, please visit  
[www.mobilebase.co.kr](http://www.mobilebase.co.kr)

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