

Motorola mobile computer product comparison



Avnet and Motorola



Avnet Wireless & Mobility connects its partners to customers through strategic relationships, business support and innovative solutions. **You can rely on Avnet** to deliver products and services that will add real value to your business.

Avnet's comprehensive range of products and services is designed to help our partners provide solutions, enhancing the sales value and building firm relationships with their end user customers. Avnet offers training, pre and post sales support, flexible financing options and access to professional and integration services.

Motorola mobile computers are built to last, using the most durable and most stable hardware and software available today. They offer comprehensive security, protecting the integrity of data and networks and conform to industry standards. Motorola devices provide a future proof solution and use the latest technologies, making migration easier, should needs change.

Avnet carries Motorola's full range of mobile computers at competitive prices. Our friendly and professional experts are on hand to help our partners to select the right products for the right application. Demonstration products are always available and resellers are welcome to visit and use our demo centres (in the UK called **THE [resource]**); Avnet's demonstration and testing centre, to showcase products to their end users.

Choose Avnet for

- Dedicated enterprise mobility professionals working on your behalf
- Large stock holding guarantees availability for quick and accurate delivery
- Established relationships with world-leading technology suppliers
- A broad range of services including: sales, marketing, financial and technical services
- ISO 9001:2000 Integration Centre for staging and integration services

Avnet Technology Solutions is a global value-added distributor of enterprise computing products, software and services with locations in more than 30 countries. As a global technology sales and marketing organisation, Avnet has sales divisions which are focused on specific market segments and a strategy enabling an exceptional level of attention to the needs of its customers and suppliers.

As a leading distributor of computing technologies and services, Avnet connects Business Partners to additional customers and more solutions. Our comprehensive suite of services and established partnerships with leading technology providers ensures that you have the right combination of resources to capture new revenue generating opportunities.

Our customers include:

- Value-Added Resellers (VARs)
- Independent Software Vendors (ISVs)
- Original Equipment Manufacturers (OEMs)
- System Builders
- System Integrators.

An operating group of Avnet, Inc. (NYSE:AVT), Avnet Technology Solutions posted US \$7.63 billion in revenue for the fiscal year ending 30th June 2008.



	MC17	MC35	MC5590
Ideal for	In-store price checks, item location, product promotions and mobile shopping	Enterprise in-field applications	Designed to meet mobile worker, business application and IT requirements
Data Capture Specifications			
Options	1D laser scanner	1D and 2D laser scanning via colour camera	4 configurations available: 1D laser scanner, 2D imager, camera and a 1D laser, camera & 2D imager
Physical Characteristics			
Dimensions	5.9 x 20.6 x 8.1cm HxWxD	2.06 x 6.59 x 12.7cm HxWxD	14.7 x 7.7 x 2.7cm HxWxD
Weight (including standard battery)	270g	185g	300g (with rechargeable Lithium Ion battery)
Display	MC17 - No Touch screen MC17T - Touch screen	Colour 2.8" QVGA (320 x 240) Touch screen	Colour 3.5" QVGA (320 x 240) Touch screen
Backlight	LED backlight	LED backlight	LED backlight
Main Battery	Rechargeable Lithium Ion 3.7v 2400 mAh battery pack	Rechargeable Lithium Ion 3.7v 1350 mAh battery pack	Rechargeable Lithium Ion 3.7v 2400 mAh Smart battery
Performance Characteristics			
CPU	Intel PXA270 312 MHz Processor (M17) Intel PXA270 520 MHz (MC17T)	Intel XScale PXA270 416 MHz Processor	Intel XScale PXA270 520 MHz Processor
Operating System	Microsoft Windows CE 5.0 Professional	Microsoft Windows Mobile 6.0 Professional	Microsoft Windows Mobile 6.1 Classic Professional
Memory	64MB RAM, 64MB Flash ROM (MC17T - 1GB SD Storage only)	64MB or 128MB SDRAM (Depends on configuration) 128MB Flash (All models)	128MB SDRAM, 256MB Flash
User Environment			
Operating Temperature	0°C to 40°C	0°C to 40°C	-10°C to 50°C
Storage Temperature	-20°C to 60°C	-25°C to 65°C	-40°C to 60°C
Drop Specification	1.2m drops to tile over concrete (operating temperature)	1m drop to tile (operating temperature)	1.2m drop to concrete (ambient temperature) 1m drop to tile (operating temperature)
Sealing			IP54
Wireless Data Communications			
WWAN Radio		Integrated quad band EDGE/GPRS/GSM	
GPS		Embedded GPS	
WLAN Radio	IEEE 802.11 b/g (MC17) IEEE 802.11 a/b/g (MC17T)	IEEE 802.11 b/g	IEEE 802.11 a/b/g
Voice Communication			Voice-over-IP ready, Wi-Fi-certified, IEEE 802.11a/b/g direct sequence wireless LAN
Bluetooth		Bluetooth v1.2 with BT Explorer	Bluetooth v2.0, Enhanced Data Rate (EDR)



MC70	MC75	MC909-G	MC909x S
Demanding proof of delivery applications	Robust location based applications	Advanced data capture for warehousing applications, loading, backroom or on the sales floor	Applications which require a device with a small form factor, such as in-field, manufacturing or warehousing
1D laser, 2D imager	1D linear, 2D imager 2 Megapixel autofocus colour camera	1D laser standard range scan engine, 1D extended range scan engine, omni-directional 1D and 2D imaging engine	1D laser standard range scan engine, omni-directional 1D and 2D imaging engine
15.3 x 7.6 x 3.7cm HxWxD 15.3 x 7.9 x 4.4cm HxWxD	15.24 x 8.4 x 4.4cm HxWxD	19.3 x 9.1 x 23.1cm HxWxD	WLAN/WPAN version: 9.1 x 5.6 x 20.1cm HxWxD WWAN version: 9.1 x 5.8 x 20.1cm HxWxD
LAN/PAN configuration: 314g WAN/LAN/PAN configuration: 336g	Standard tower case battery: 422g Extended capacity 2.5X battery: 446g	Standard 709g (includes battery, scanner and radio)	567-652g, configuration dependent
Transflective colour 3.5" QVGA (240 x 320), Touch screen	Transflective colour 3.5" VGA (640 x 480), Touch screen	Colour 3.7" QVGA mono or colour, Colour only	3.7" Transflective QVGA colour
LED backlight	LED backlight	LED backlight	LED backlight
Rechargeable Lithium Ion 3.7v 1900 mAh smart battery	Rechargeable Lithium Ion 3.7v 3600 mAh smart battery	Removable, rechargeable Lithium Ion 7.2v 2200 mAh battery pack	Removable, rechargeable Lithium Ion 7.2v 1550 mAh battery pack, 11.1 Wh
Intel XScale PXA270 624 MHz Processor	Intel XScale PXA270 624 MHz Processor	Intel XScale PXA270 624 MHz Processor	Intel XScale PXA270 624 MHz Processor
Microsoft Windows Mobile 5.0 Premium Phone Edition	Microsoft Windows Mobile 6.0	Microsoft Windows CE 5.0 or Microsoft Windows Mobile 5.0 Premium Edition	Microsoft Windows Mobile 5.0 Premium (non-WAN), Microsoft Windows Mobile 5.0 Phone Edition (WAN)
64MB RAM, 128MB ROM or 128MB RAM, 128MB ROM	128MB RAM, 256MB Flash	Microsoft Windows - 64MB/64MB, 128MB/64MB Windows Mobile - 64MB/128MB, 128MB/128MB 64MB/64MB	64MB RAM, 128MB Flash
-10°C to 50°C	-10°C to 50°C	-20°C to 50°C	-20°C to 50°C
-40°C to 60°C	-40°C to 60°C	-40°C to 70°C	-40°C to 70°C
1.2m drop to concrete (operating temperature) 1.5m drop to concrete (ambient temperature)	1.2m drop to concrete (operating temperature) 1.5m drop to concrete (ambient temperature)	1.8m drop to concrete (operating temperature)	1.8m drop to concrete (operating temperature)
IP54	IP54	IP64 (electronic enclosure, display, keypad)	IP64 (electronic enclosure, display, keypad)
GSM/EDGE	GSM: 3G HSDPA		Integrated quad band EDGE/GPRS/GSM
Integrated Assisted-GPS (A-GPS)	Integrated Assisted-GPS (A-GPS)		
IEEE 802.11 a/b/g	IEEE 802.11 a/b/g	IEEE 802.11 a/b/g	IEEE 802.11 a/b/g
Integrated Voice-over-IP ready (P2P, PBX, PTT), Wi-Fi-certified, IEEE 802.11a/b/g direct sequence wireless LAN	Integrated Voice-over-IP ready (P2P, PBX, PTT), Wi-Fi-certified, IEEE 802.11a/b/g direct sequence wireless LAN		
Bluetooth v1.2, Class II	Bluetooth v2.0, Class II	Bluetooth v1.2 with BT Explorer	Bluetooth v1.2 with BT Explorer



MC909x K	MC1000	MC3000	PPT8800
In-field applications, manufacturing and warehousing	Batch processing applications in light industrial, retail, government or warehousing and distribution applications	Barcode scanning and wireless mobile computing in retail, warehousing and postal applications	Mobile workers and floor workers in retail, field service, healthcare, hospitality and information intensive environments
1D standard range scan engine, omni-directional 1D and 2D imaging engine	1D laser scanner	1D laser and 2D imager	1D laser scanner
WLAN/WPAN version: 9.1 x 5.6 x 23.1cm HxWxD WWAN version: 9.1 x 5.8 x 23.1cm HxWxD	16.3 x 6.45 x 3.8cm HxWxD	Imager configuration: 18.8 x 8.08 x 4.47cm HxWxD. At grip: 6.1 x 3.63 cm WxD Laser configuration: 21.16 x 8.08 x 3.99cm HxWxD. At grip: 6.1 x 2.79 cm WxD Gun configuration: 19.3 x 8.08 x 16.6cm HxWxD	3.3 x 8.0 x 14.6cm HxWxD
623-708g configuration dependent	205g	Laser configuration: 379g (with WLAN) Imager configuration: 428g (with WLAN) Gun configuration: 527g Bluetooth configuration: 555g	Batch: 286g WLAN: 306g
Transflective 3.7" QVGA colour	Electroluminescent (EL) backlight, no Touch screen, TFT-LCD	3" display (320 x 320) Backlit colour, monochrome	65K colour QVGA (240 x 320) Touch screen, TFT-LCD
LED backlight	LED backlight	LED backlight	LED backlight
Removable, rechargeable Lithium Ion 7.2v 2200 mAh, 15.8 Wh	3 AAA batteries or 1 rechargeable Lithium Ion 3.7v 1800 mAh battery pack	Laser configuration 3.7 vdc 2600 mAh Imager configuration 3.7 vdc 4400 mAh Gun configuration 3.7 vdc 4400 mAh	Rechargeable Lithium Ion 3.7v 1700 mAh battery pack
Intel XScale PXA270 624 MHz Processor	Intel XScale 312 MHz Processor	Intel XScale PXA270 520MHz or 312 MHz Processor	Intel XScale 300 MHz Processor
Microsoft Windows 5.0 Premium (non-WAN), Phone Edition (WAN)	Microsoft Windows CE 5.0 Core Version	Microsoft Windows CE 5.0, CE 5.0 Core Version, Professional Version, Windows Mobile 6.1 (brick only)	Microsoft Windows CE 4.2
64MB RAM, 128MB Flash	32MB RAM, 64MB ROM	64MB/64MB or 128MB/64MB or 128MB/1GB 32MB RAM/64MB ROM, 64MB RAM/64MB ROM, 128MB RAM/64MB ROM, 128MB RAM/1GB ROM	32MB RAM, 32MB ROM
-20°C to 50°C	-10°C to 50°C	-10°C to 50°C	-10°C to 50°C
-40°C to 70°C	-40°C to 70°C	-30°C to 70°C	-25°C to 70°C
1.8m drop to concrete (operating temperature)	1.2m drop to concrete (operating temperature)	1.2m drop to concrete (operating temperature)	1.2m drop to concrete (operating temperature)
IP64 (electronic enclosure, display, keypad)	IP54	IP54	IP54
Integrated quad band EDGE/GPRS/GSM			
IEEE 802.11 a/b/g		IEEE 802.11 a/b/g	IEEE 802.11 b
Bluetooth v1.2 with BT Explorer			Bluetooth v1.2 with BT Explorer

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