

JUNIPER HANDHELD COMPARISON



SYSTEM	Mesa	Archer	Allegro MX	TK6000
Operating System	Microsoft Windows Mobile 6.5.3	Windows Mobile 6.1 Classic	Windows Mobile 6.1 Classic	Window Mobile 6.1 Classic
Processor	806 Mhz PXA320 Processor	520 Mhz PXA270 Processor	624Mhz PXA270 Processor	624Mhz PXA270 Processor
Memory (RAM)	256 MB	128 MB	128 MB	128 MB
Internal Storage (max)	4 GB	512 MB	2 GB	1 GB
Screen Size (diagonal)	5.7" (145mm)	3.5" (89mm)	3.8" (96 mm)	3.5" (89mm)
Screen Orientation (primary)	Portrait	Portrait	Landscape	Landscape
Screen Resolution	640 x 480	240 x 320	320 x 240 QVGA	240/320 QVGA
Screen Type	High visibility backlit LCD	Transflective LCD	Transflective LCD	Transflective LCD
Weight (includes battery)	2.2 lbs (1kg), 2 batteries	17 oz (482g)	1.8 lbs (840g)	2.09 lbs (950g), 2 batteries
Battery Life (default settings)	16 hours	20 hours	20 hours	16 hours

RUGGEDNESS

Ingress Protection	IP67 waterproof & dustproof	IP67 waterproof & dustproof	IP67 waterproof & dustproof	IP67 waterproof & dustproof
Shock/Drop	Multiple drops 4' (1.2 m)	Multiple drops 5' (1.5 m)	Multiple drops 5' (1.2 m)	Multiple drops 5' (1.2 m)
Operating Temp.	-22F to 140F (-30 to 60C)	-22F to 130F (-30 to 55C)	-22F to 130F (-30 to 54C)	-22F to 140F (-30 to 60C)
Storage Temp.	-22F to 158F (-30 to 70C)	-22F to 140F (-30 to 60C)	-30F to 140F (-35 to 60C)	-22F to 140F (-30 to 60C)
MIL-STD	810G, 461F	810F	810F	810F

All models tested for shock, drop, vibration, altitude (pressure), temperature, temperature shock, humidity

CONNECTIVITY

Compact Flash slot	No	Yes	Optional via adapter	No
PCMCIA slot	No	No	Yes	No
Secure Digital (SD/SDHC) slot	Yes	Yes	Yes	Yes
USB client	Yes	Yes	Yes	Yes
USB host	Yes	Yes	Yes	Yes
Serial RS-232 9-pin port	Yes	Yes	Yes	Yes
Audio jack	Yes	No	No	No
Integrated Bluetooth	Yes	Optional	Optional	Optional
Integrated wireless LAN	Optional	Optional	Optional	Optional
Integrated mobile broadband	Optional	No	No	No
Integrated camera	Yes	No	No	No
GPS with WAAS/SBAS	Internal	Extended Cap	Via GPS Pod	No
GPS Accuracy	2-5 m	2-5 m	2-5 m	2-5 m
Submeter GPS	External*	Via XF101 Receiver	External*	External*

*Compatible with most GPS receivers via Bluetooth® Wireless Technology

USER INTERFACE

Touchscreen	Yes	Yes	Yes	Yes
On-screen keyboard	Yes	Yes	Yes	Yes
Transcriber handwriting	Yes	Yes	Yes	Yes
PDA keypad	Yes	Yes	No	No
Alpha-numeric keypad	No	No	Yes	Yes
Support external keyboard	Yes	Yes	Yes	Yes
Integrated bar code scanner	Optional 1D/2D	Optional 1D or 1D/2D	Optional 1D	No

