

# 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  |

