



For when the going gets beyond tough

## Jackaroo Series - Rugged Tablet Computers with 10.4" LCDs



### Models

- Jackaroo with Core 2 Duo CPU
- Jackaroo Lite with Via Eden CPU

### Key Features

- Choice of 1.06GHz Core2 DUO or 1.5GHz ULV VIA Eden processors
- 10.4" SVGA / XGA high resolution TFT LCD
- Optional sunlight readable (400NIT) LCDs for outdoor 'full sun' applications
- Built-in WLAN, Bluetooth, GPS & 3.5G
- Rich I/O port array for application expansion
- Durable design with shock-resistant high impact housing
- Compliant with MIL-STD-810F and MIL-STD-461E
- IP65 rated chassis (IP54 for Lite)

- A 10.4" LCD yet still small enough to mount in most vehicles.**
- Embedded 3.5G to make it part of a true mobility solution.**
- A choice of CPUs to optimise ROI.**
- A real worker that'll add value to any mobile application.**

The Jackaroo Series are a 'Commercial Rugged' tablet PC range featuring a heavy duty Magnesium Alloy chassis that offers ingress protection ratings up to IP65. With a 10.4" XGA (1024x768 pixel) LCD, Jackaroos deliver the options required for a range of mobility solutions as diverse as Point Of Sale (POS), automated machinery management, warehouse inventory management or in-vehicle information delivery systems.

### Match processing power to your application

The Jackaroo range features two CPU choices: the 1.06GHz Intel Core 2 Duo CPU version (Jackaroo) for applications requiring more on-board processing power; and the 1.5GHz ULV VIA Eden CPU version (Jackaroo Lite) for applications such as thin clients, Point Of Sale or warehousing attached to remote servers wireless networks.

These choices allow users to select between the need for raw computing power (eg, for 'thick client' roles requiring data collection and analysis) over 3G networks, or energy efficiency and longer battery life (eg, for roles requiring deployment of web-based applications to mobile 'thin clients' over wireless LAN).

### One handed navigation made easy

Jackaroos not only feature a touch screen interface that can be operated by a stylus or finger, but also have a navigation keypad with enter button for applications such as e-forms or those having simple pick lists. They also feature four programmable function keys (eg for quick selection between user applications), as well as a numeric keypad (0-9 plus TAB and ESC).

### Durable design

Designed to meet MIL-STD 810F requirements for durability, the Jackaroo Series offers robustness and economy in a compact format. Our 'Commercial Rugged' rating means you can be assured they're durable enough for vehicle mounting (including off road use) or portable outdoor use in dusty or humid environments.



Navigation Buttons



Numeric Keypad



Full Shock Protection

Feature	Jackeroo	Jackeroo Lite
<b>Operating Systems</b>	Windows XP Embedded Windows XP Professional Embedded Windows Vista	Windows Xp Embedded Windows XP Pro Windows CE 5.0
<b>Processor</b>	Intel Core 2 Duo U7500	Via Eden 1.5GHz ULV (Ultra Low Voltage)
<b>Chipset</b>	GME965 & ICH8M	Via CX700M (with video acceleration)
<b>Memory</b>	1x SO-DIMM DDR1 533; max. 2GB	DDR1400 256MB on board (Use BIOS setup to adjust parameter for expansion memory) 1x SO-DIMM; max. 1GB (factory fittable option only)
<b>Storage</b>	Compact Flash Memory Card (2GB CF Memory card) or 2.5" HDD 80G SATA	Compact Flash Memory Card or 2.5" HDD
<b>Display</b>	10.4" SVGA/XGA Transmissive TFT LCD, optional sunlight readable LCM	10.4" SVGA/XGA Transmissive TFT LCD, optional 10.4" sunlight readable XGA
<b>Touch Panel</b>	4-wire resistive touch panel	4-wire resistive touch panel (USB interface)
<b>Application Buttons</b>	1x Power Button 12 numeric keys (0~9, #, *) 1x SIP button (on-screen keyboard pop-up button) 4x programmable function keys for quick application selection 4-Way navigation button with Enter button	1x Power Button 12 numeric keys (0~9, #, *) 1x SIP button (on-screen keyboard pop-up button) 4x programmable function keys for quick application selection 4-Way navigation button with Enter button
<b>Communication</b>	802.11a/b/g WLAN with integral antenna (factory option) Bluetooth Class 2, v2.0+EDR (factory option) GPS with integral antenna (factory option) <b>54Kbps Modem (factory option) or 3.5G (HSDPA/UMTS) connectivity (factory option)</b>	802.11a/b/g WLAN with integral antenna (factory option) Bluetooth Class 2, v2.0+EDR (factory option) GPS with integral antenna (factory option)
<b>Audio</b>	<b>Realtek ALC260</b>	Realtek ALC260
<b>LED Indicators</b>	Power LED: Off: Power off Solid green: Lit when charging in power off mode, off when charging is complete Blinking green: Power on, battery charging in power on mode Solid yellow: Power on, battery low Blinking yellow: Power on, battery critically low HDD LED: Green when HDD is being accessed WLAN LED: Off: No RF signal / No LAN connection Solid Green: WLAN activated Blinking Green: TX/RX transmission	Power LED: Off: Power off Solid green: Lit when charging in power off mode, off when charging is complete Blinking green: Power on, battery charging in power on mode Solid yellow: Power on, battery low Blinking yellow: Power on, battery critically low HDD LED: Green when HDD is being accessed WLAN LED: Off: No RF signal / No LAN connection Solid Green: WLAN activated Blinking Green: TX/RX transmission
<b>Input / Output Ports</b>	2 x USB 2.0 host connector 2 x RS-232/422/485 (optional) 1 x VGA output 1 x CF Type II slot 1 x PCMCIA Type II slot, support CardBus 2.1 1 x internal mono microphone 1 x internal stereo speaker 1 x RJ45 for 10/100/1000Mbps Ethernet 1 x stereo headphone jack 1 x microphone jack 1 x DC-In jack 1 x docking station connector 1 x <b>Phone SIM Card Slot (Optional)</b>	2 x USB 2.0 host connector 2 x RS-232/422/485 1 x VGA output 1 x CF Type II slot 1 x PCMCIA Type II slot, support CardBus 2.1 1 x internal mono microphone 1 x internal stereo speaker 1 x RJ45 for 10/100/1000Mbps Ethernet 1 x stereo headphone jack 1 x microphone jack 1 x DC-In jack 1 x docking station connector
<b>Main Battery</b>	Rechargeable Li-ion smart battery, 11.1V, 5200mAh, 3S2P	Swappable battery back of 6 Li-ion 18650 4800mAh cells (3S2P)
<b>Power Adaptor</b>	Universal AC 100V~240V, 50~60Hz input; 19V, 3.16A output, 90W	Universal AC 90V ~ 265V, 47 ~ 63Hz input; 19V, 3.16 A output, 60W
<b>Physical</b>	310 x 236 x 42 (WxHxD mm) 2.9Kg	320 x 246 x 52 (WxHxD mm) 2.8 kg
<b>Environment</b>	Operating Temperature: -20°C to 60°C Storage Temperature -40°C to 70°C Operating Humidity 5% ~ 95%	Operating Temperature: -20°C to 60°C Storage Temperature -40°C to 70°C Operating Humidity 5% ~ 95%
<b>Protection</b>	IP65, MIL-STD-810F, MIL-STD-461E	IP65, MIL-STD-810F, MIL-STD-461E
<b>Compliance</b>	CE, FCC, VCCI, WEEE, CCC, C-tick	CE, FCC, cUL/UL, C-tick
<b>Accessories</b>	AC adaptor and Power cord Rear mounted Hand+Shoulder Strap DC-DC Adaptor (Input 12VDC~32VDC Vehicle Adaptor) Vehicle Mount (RAM Mount) VESA Mount Vehicle Docking Station Desktop Battery Charger External Battery Waist Holster (for extended 'on the move' use)	AC adaptor and Power cord Rear mounted Hand+Shoulder Strap DC-DC Adaptor (Input 12VDC~32VDC Vehicle Adaptor) Vehicle Mount (RAM Mount) VESA Mount Vehicle Docking Station Desktop Battery Charger External Battery Waist Holster (for extended 'on the move' use)

**Accessories**



**Vehicle Mount (Front)**



**Vehicle Mount (Back)**



**Desktop Cradle**



**VESA Mount**



**Embedded GPS**



**USB Rugged Keyboard**