

Product Line Up

TADPOLE® Topaz

Military-Rugged Notebook Workstation / Server

15" x 12.4" x 2.4"
381 mm x 315 mm x 61 mm
as low as 11 lbs / 5 kg



GD8200

High Performance Fully-Rugged Notebook

11.5" x 12" x 2.36"
292 mm x 305 mm x 60 mm
as low as 7.8 lbs / 3.5 kg



GD8000

Fully-Rugged Notebook

11.5" x 12" x 2.36"
292 mm x 305 mm x 60 mm
as low as 7.8 lbs / 3.5 kg



GD6000

Vehicle-Rugged Notebook

10.24" x 12.05" x 2.24"
260 mm x 306 mm x 57 mm
as low as 6.2 lbs / 2.81 kg



Rugged Specifications

Meets and Exceeds MIL-STD-810F for Temperature, Vibration, Humidity and Altitude; 36" Drop; IP54 Rating; MIL-STD-461 EMI, MIL-STD-464 Lighting Protection

Exceeds MIL-STD-810G for Temperature, Vibration, Humidity, and Altitude; IP65 Rating; 48" Drop; Magnesium Alloy Casing and High Impact Resin; Sealed I/O Ports; Hazardous Location Certification; MIL-STD-461F Certified for EMI; ASTM 4169-99 Truck Assurance; SAE J1455 Crash Tested

Exceeds MIL-STD-810G for Temperature, Vibration, Humidity, and Altitude; IP65 Rating; 48" Drop; Magnesium Alloy Casing and High Impact Resin; Sealed I/O Ports; Hazardous Location Certification; Crash-Tested

Meets MIL-STD-810G for Temperature, Vibration, Humidity, and Altitude; ANSI/IEC 529, IP5x Dust Ingress Protection Rating; 30" Drop; Magnesium Alloy Casing; Spill-Resistant Keyboard; Crash-Tested for In-Vehicle Safety

Processor

Intel® Core™ 2 Duo T9400 (2.53GHz)

Intel® Core™ i7-2655LE vPro™ (2.2GHz, Up to 2.9GHz with Turbo Boost)

Intel® Core™ 2 Duo SL9400 (1.86GHz)

Intel® Core™ 2 Duo T9400 (2.53GHz)

Mounting Options

Vehicle Dock With or Without External Antenna Connectors; Office Dock

Vehicle Dock With or Without External Antenna Connectors; Office Dock

Vehicle Dock with or Without External Antenna Connections for WLAN and WWAN; Office Dock

Display

15.1" SXGA+ (1400X1050) DynaVue® Sunlight-Viewable Display Technology; Optional Touchscreen with Integrated Stylus

13.3" XGA (1024X768) Touchscreen LCD; Meets MIL-STD-3009 DynaVue II® Outdoor Display Contrast; DynaVue® Sunlight-Viewable Display Technology, Integrated Stylus

13.3" XGA (1024X768) Touchscreen LCD; Meets MIL-STD-3009 Outdoor Display Contrast; DynaVue® Sunlight-Viewable Display Technology, Integrated Stylus

13.3" XGA TFT Active Matrix Color LCD Touchscreen Display; Meets MIL-STD-3009 Outdoor Display Contrast; DynaVue® Sunlight-Viewable Display Technology

Storage

Options: Up to 1TB Shock-Mounted Removable HDD; Up to 128GB SSD SLC; Up to 256GB SSD MLC

Shock-Mounted 500GB/750GB HDD with Heater; 120GB/256GB SSD (Option); Flex-Connect (Removable) ; Hybrid HDD (option)

Shock-Mounted 160GB Removable HDD with Heater; 320GB HDD (option), 128GB/256GB SSD (option)

Shock-Mounted 160GB Removable HDD with Heater; Optional 320GB HDD, 128GB and 256GB SSD

Operating System

Microsoft® Windows® 7 with Windows® XP Downgrade Option, Windows® Vista®, Windows® Server 2003; Red Hat® Enterprise Linux® 5; Oracle® Solaris™ 10 Operating Environment

Microsoft® Windows® 7; Custom Windows® XP; Custom Windows® Vista® Business

Microsoft® Windows® 7; Custom Windows® XP; Windows® Vista® Business

Microsoft® Windows® 7 with Windows® XP Downgrade Option, Windows® Vista® Business

Memory Available

Up to 8GB DDR3

Up to 8GB DDR3

Up to 8GB DDR3

Up to 4GB DDR3

Available Drives/Expansion Slots

(2) Type I/II PC Card or (1) Type III/PCMCIA Slots; (1) ExpressCard®/34 or ExpressCard®/54 Card Reader

Swappable Media Bay Accepts Multi DVD-RW/CD-RW or Secondary Battery; PC Card Type II; Optional ExpressCard®/54 Card Reader or SmartCard Reader (FIPS 201)

Swappable Media Bay Accepts Multi DVD-RW/CD-RW or Secondary Battery; PC Card Type II; Optional ExpressCard®/54 Card Reader or SmartCard Reader

Multi-Drive CD-RW/DVD-RW; PC Card Type I or II; Optional ExpressCard®/54 Card Reader or SmartCard Reader

I/O Ports

(4) USB 2.0; VGA; Serial Port (RS232/485/422 Asynchronous Serial Port Via DB-9 Connector); RS232 Asynchronous Plus RS232 Synchronous Serial Ports Via DB-25; High Definition Audio I/O; Microphone; (3) Copper Independent 10/100/1000Mbit Ethernet LAN (RJ-45)

(1) USB 3.0; (2) USB 2.0; 15-Pin VGA; 9-Pin Serial Port; Audio I/O; Microphone; DC-In; Port Replicator 84 Pin; Dual External Antenna Connector (WWAN & WLAN); 56 Kbps Modem (RJ-11); 10/100/1000Mbit Ethernet LAN (RJ-45)

(3) USB 2.0; 15-Pin VGA; 9-Pin Serial Port; Audio I/O; Microphone; Port Replicator 84 Pin; 56k Modem; 10/100/1000Mbit Ethernet

15-Pin VGA; Audio I/O; Microphone; Port Replicator 84 Pin; 9-Pin Serial Port; (2) USB 2.0; 10/100/1000Mbit Ethernet; 56k Modem

Keyboard

Rugged, Sealed Full QWERTY Keyboard; Integrated Track Pad; Backlit

Full 87-Key Sealed Keyboard; Black, Backlit or NiteVue® Glow Options Available; Localized Versions Available; Multi-Touch Touchpad

Full 87-Key Sealed Keyboard; Black, Backlit or NiteVue® Glow Options Available; Localized Versions Available; Capacitive Touchpad

Full 84-key Keyboard; with Dual Task Lights; 2-Button Capacitive Touchpad with Scrolling Support; White or Black Option

Power Supply

7200 mAh (79.9Wh) Lithium-Ion Main Battery

7200 mAh (79.9Wh) Lithium-Ion Main Battery; Optional 3800 mAh (41.1Wh) Lithium-Ion Secondary Media Bay Battery Pack; 90W Power Adapter; User-Selectable Power Management; Hot Swappable Battery Option

7200 mAh (79.9Wh) Lithium-Ion Main Battery; Optional 3800 mAh (41.1Wh) Lithium-Ion Secondary Media Bay Battery Pack; 90W Power Adapter

Standard 6-Cell Lithium-Ion (47.5Wh) Main Battery; Optional 9-Cell Extended Lithium-Ion (71.3Wh) Battery; 65W Power Adapter

Battery Life (Without Radios)

Up to 4 Hours

Up to 12 Hours with Secondary Battery Pack

Up to 12 Hours with Secondary Battery Pack

Up to 7 Hours with Extended Battery Pack

Integrated Wireless (Options)

WLAN 802.11 a/b/g/n

Simultaneous; WWAN 4G LTE, CDMA EV-DO Rev A/WCDMA/GSM/GPRS/EDGE/HSPA+; WLAN 802.11 a/b/g/n; "High Power"; Integrated GPS with SiRFXTac; Bluetooth® V2.1 + EDR Class 1

Simultaneous WWAN, 802.11 a/b/g/n; GPS, and Bluetooth®; WWAN Options Include EVDO REV A / HSPA Support Via Gobi™ 2000

Simultaneous WWAN, 802.11 a/b/g/n; GPS, and Bluetooth®; WWAN Options Include EVDO REV A / HSPA Support Via Gobi™ 2000

Warranty

1-Year Warranty; Extended Service Available

3-Year Warranty; Extended Service Available

3-Year Warranty; Extended Service Available

3-Year Warranty; Extended Service Available

Please Refer to Individual Product Datasheets for More Details

Product Line Up

Duo-Touch® II Tablet PC

Rugged Tablet PC

10.6" x 7.2" x 1.65"
270 mm x 184 mm x 42 mm
as low as 4.1 lbs / 1.86 kg



GD3015

Semi-Rugged Tablet

10.4" x 8.4" x .7"
276 x 213 x 18 mm
as low as 2.6 lbs / 1.2 kg



GD2000

Fully-Rugged, Ultra-Mobile Notebook

6.6" x 4.8" x 1.8"
168 x 122 x 45 mm
as low as 2.4 lbs / 1.1 kg



GD300

Rugged, Wearable Computer

5.9 x 2.6 x 0.8"
150 x 66 x 20 mm
.5 lb (8oz) / .4 kg



Rugged Specifications

Exceeds MIL-STD-810F; IP54 Rating; Sealed I/O Ports; ASTM 4169-99 Truck Assurance Level II; HazLoc UL1604 Class 1 Div 2; Magnesium Alloy Casing and Impact Absorbing Exoskeleton

Meets MIL-STD-810F for Temperature, Humidity; IP54 Rating; 36" Drop; Sealed I/O Ports

Meets or Exceeds MIL-STD-810G; IP54 Rating; Sealed I/O Ports; ASTM 4169-99 Truck Assurance Level II; Magnesium Alloy Casing and Impact Absorbing Exoskeleton

Meets or Exceeds MIL-STD-810G; IP54 Rating; 48" Drop; Sealed I/O Ports; Glass-Filled Nylon Molded Polymer

Processor

Intel® Core™ Duo U2500 (1.2GHz)

Intel® Atom™ Z530 (1.6GHz)

Intel® Celeron™ M-ULV722 (1.2GHz)

ARM® Cortex® A8

Mounting Options

Vehicle Dock; Office Dock

Vehicle Dock; Office Dock

Vehicle Dock; Office Dock

Wearable, Arm or Chest Strap

Display

8.4" SVGA TFT Transmissive Display; Meets MIL-STD-3009 Outdoor Display Contrast; DynaVue® Sunlight-Viewable Display Technology; User-Adjustable Backlit Display

10.4" XGA (1024 x 600 Resolution), Resistive Touchscreen LCD, Sunlight-Viewable

5.6" WSVGA (1024 x 600 Resolution), Touchscreen LED; Meets MIL-STD-3009 Outdoor Display Contrast; DynaVue® Sunlight-Viewable Display Technology

3.5" WVGA (800 x 480 Resolution); Glove Friendly Touchscreen; Sunlight-Viewable

Storage

Shock-Mounted 160GB HDD with Heater

160GB HDD; 64GB SSD (Optional)

64GB SATA SSD; 128GB or 256GB SATA SSD (Optional)

8GB On-Board Flash

Operating System

Microsoft® Windows® Vista® with Windows® XP® Tablet PC Edition Downgrade Option

Microsoft® Windows® 7

Microsoft® Windows® 7, Windows® Vista®

Android™ v2.1

Memory Available

2GB DDRII

2GB DDRII

2G DDRIII, MicroDIMM Expansion Slot

256 DDR

Available Drives/Expansion Slots

PC Card Type I or II; CompactFlash Type I or II

SD Card Slot; PCMCIA; SIM Slot

Multi-USB Slice; Mini Office Dock

MicroSD Card Slot; Radio Interface Kit (RIK)

I/O Ports

RJ11 (Wireline Modem); RJ45 (Ethernet); (2) USB 2.0; Audio; Microphone; 26-Pin Docking Connector; Expansion Battery Connector, Optional RS232 Powered Serial Port

(2) USB; VGA; (2) Serial ports; Audio I/O; Microphone, DC-in; Pogo Pin Docking Connector; 10/100/1000Mbit Ethernet LAN (RJ-45)

USB; Audio; Docking Connector; Multi-USB Slice; (4) USBs; RS232 Universal Slice; (2) USBs; RS232; RJ45: Smartcard; PC Card or Express Card

Mini-USB; Flexible Expansion Docking Connector

Keyboard

Virtual Keyboard; Optional External USB Keyboard

Virtual Keyboard; Optional External USB Keyboard

Ergonomic 77-Key Sealed, Backlit Keyboard Localized Versions; Programmable Keys

Virtual Keyboard

Power Supply

Optional Expansion Battery Pack

Optional Expansion Battery Pack

User Selectable Power Management; Hot Swappable Battery

1550 mAh Single Cell Lithium-Ion Battery; Standby Mode

Battery Life (Without Radios)

Up to 6 Hours with Secondary Battery Pack

Up to 5 Hours with Secondary Battery Pack

Up to 6 Hours with Secondary Battery Pack

Up to 8 Hours

Integrated Wireless (Options)

Simultaneous WWAN, 802.11 a/b/g, GPS and Bluetooth®; WWAN Radio-Ready Options for EDGE/GPRS, or EVDO REV A/UMTS

WWAN: GPRS/HSDPA; WLAN: 802.11 b/g/n; Bluetooth® V2.0+EDR Class 2

WWAN: RTT/EVDO or EDGE/UMTS/HSDPA, Mini-Card WWAN Radio Modules; WLAN: IEEE 802.11 a/b/g; Bluetooth® V2.1+EDR Class 2; Integrated GPS

Integrated GPS with SiRFStar IV

Warranty

3-Year Warranty; Extended Service Available

3-Year Warranty; Extended Service Available

3-Year Warranty; Extended Service Available

1-Year Warranty; Extended Service Available

Please Refer to Individual Product Datasheets for More Details

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