

Rugged and semirugged portable PCs

VENDOR	PRODUCT	DURABILITY FEATURES	PROCESSOR, BASE MEMORY	DISPLAY	INTERFACES	DRIVES	COMMUNICATIONS	OPTIONS	PRICE
Amrel El Monte, Calif. (800) 882-6735 www.amrel.com	Rocky Patriot DR7-M	MIL-STD 810F/IP54 for ruggedness, MIL-STD 461E for electromagnetic shielding, shock-mounted drive	Pentium M processor (various speeds), 512M	8.4-inch SVGA touch screen	One USB, one serial, one docking connector, one battery port, one mini-PCI slot	40G to 60G shock-mounted HDD	56K modem, 10/100 Ethernet, 802.11b wireless LAN	GPRS modem, docking station, vehicle adapter	\$6,600 up
Broadax Systems Inc. (BSI) City of Industry, Calif. (626) 964-2600 www.bsicomputer.com	Warrior 2000	MIL-STD 810F/IP54 for ruggedness, COLT explosive-proof, anti-dust, sand, vibration, high-altitude, anti-shock, rain, fog, three-foot transit drop	1.2GHz Pentium 4 Processor, 512M	12.1-inch 800 by 600 anti-reflective with optional touch screen and pen input, optional sun-readable	One USB, one serial, one IrDA infrared, one docking port, one CRT, two PS/2, two PC Card	Removable 20G HDD, optional CD-ROM, DVD, LS-120 Super Drive	56K modem, 10/100 Ethernet, 802.11b wireless LAN	Ruggedized vehicle adapter, dual battery charger, docking station, swappable drives, touch screen with pen input, sun-readable display	\$4,335 up
Getac Inc. Lake Forest, Calif. (949) 699-2888 www.getac.com	M220	MIL-STD 810F, IP51 and IEC compliance with magnesium case, fully gasketed, drop-shock resistance, hardened case hinges, retractable antenna durability and ruggedized keyboard	1.4GHz Pentium M 738 Processor, 256M	4.1-inch XGA non-touch (upgradable to touch screen)	Two USB, one parallel, one IrDA infrared, RJ-II/45, one PS/2	40G to 80G shock-resistant HDD, CD standard in media bay, upgradable to DVD or DVD/CDRW Combo drive	56K modem, 10/100 Ethernet, 802.11b wireless LAN, optional wireless GSM/GPRS radio, Bluetooth	DVD or DVD/CDRW drives, internal GSM/GPRS wireless modem, GPS, Bluetooth	\$3,495 up
Hewlett-Packard Co. Palo Alto, Calif. (650) 857-1501 www.hp.com	HP r3610 Rugged Notebook	MIL-STD 810F/IP54 for ruggedness	1.8GHz Pentium M Processor 745, 512M	12.1-inch XGA touch screen with stylus	Two USB, one PC Card, RJ-II/45, VGA	40G HDD, CD-ROM/DVD drives sold separately	56K modem, 10/100 Ethernet, optional wireless LAN	Optical drives, docking station, batteries and power accessories	\$4,099 up
Itronix Corp. Spokane, Wash. (509) 624-6600 www.itronix.com	GoBook III	MIL-STD 810F/IP54 for ruggedness	1.8GHz Pentium M Processor 745, 512M	12-inch XGA backlit touch screen	One USB, one serial, docking port, RJ-II/45, PS/2, FireWire	Same	56K modem, 10/100 Ethernet, optional wireless LAN, Mobitex	Optical drives, docking station, batteries and power accessories	\$4,495 up
Kontron America Inc. (formerly Dolch Computer Systems Inc.) Poway, Calif. (888) 294-4558 www.dolch.com	NotePAC	MIL-STD 810F/IP54 for ruggedness, IEC 529 for vibration loading	Up to 1.6GHz Pentium M Processor, 256M	12.1-inch or 14.1-inch XGA with optional touch screen and optional sun-readable panel	Two USB, one serial, one FireWire, one parallel, one VGA, one IrDA infrared	20G and up HDD, removable CD-ROM, CD-RW, DVD drives	56K modem, 10/100 Ethernet, wireless LAN option	Wireless LAN, wireless GPS	\$5,605 up
	RuggedNote	Meets MIL SPEC and IEC 529 standards, certified to IP51 (upgradable to IP54)	1.1GHz Centrino Processor, 256M	12.1-inch XGA with optional touch screen and sun-readable panel	Two USB, one serial, one port replicator, RJ-II/45	40G or 60G HDD (optional docking station holds optical-drive options)	Same	Docking station, touch screen and sun-readable display	\$2,795 up
Panasonic Corp. of North America Secaucus, N.J. (201) 348-7000 www.panasonic.com	Toughbook-73	Magnesium alloy case, spill-resistant keyboard and touchpad, removable hard drive	1.8GHz Pentium M Processor, 256M	13.3-inch XGA outdoor-readable screen with touch screen	Two USB, one serial, PC Card, VGA, port replicator, RJ-II/45, SD Card	60G or 80G HDD, DVD/CD-RW Combo drive	56K modem, 10/100 Ethernet, built-in 802.11b wireless LAN	Hard drive upgrade, port replicator, optional DVD MultiDrive	\$3,191 up
	Toughbook-51	Magnesium alloy case, shock-mounted removable hard drive	1.6GHz Pentium M Processor 725, or 2.0GHz Pentium M Processor 760, 512M	15-inch UXGA	Two USB, one serial, one FireWire, one parallel, port replicator, RJ-II/45	80G shock-mounted removable HDD, multimedia bay holding various CD/DVD combo or FDD drives	Same	Processor upgrades, port replicator, various optical-drive options	\$2,547 up
Rugged Notebooks Inc. Anaheim, Calif. (714) 491-1662 www.ruggednotebooks.com	Rough Rider III	Meets and exceeds MIL-STD 810F/IP54 and 461E	1.4GHz to 1.6GHz Pentium M Processor, 256M	12.1-inch or 14.1-inch XGA with optional touch screen and optional sun-readable panel	One USB, one PC Card, one serial, one parallel, one VGA, one docking port, one FireWire, one IrDA infrared	Interchangeable shock-mounted HDD module that supports Ultra DMA drives, swappable media bay for CD-ROM, CD-RW, FDD, DVD and extra HDD	56K modem, 10/100 Ethernet, optional wireless LAN	Backlit rubber keyboard, water-proof rubber keyboard, docking station, support for Bluetooth, GSM/GPS/EDGE or CDMA	\$4,827 GSA
Stealth Computer Corp. Toronto (905) 264-9000 www.stealthcomputer.com	Warrior V	MIL-STD 810E for shock and vibration, sealed magnesium alloy enclosure, shock-resistant HDD, sealed shower-proof and dust-proof rubber keyboard	1.4GHz to 1.6GHz Pentium M Processor, 256M	12.1-inch or 14.1-inch XGA with optional touch screen and optional sun-readable panel	One USB, one serial, one parallel, one VGA, one IrDA infrared, one port replicator, one FireWire, RJ-II/45	20G to 80G shock-proof HDDs, media bay for swappable CD-ROM, CD-RW, DVD, FDD or second battery	56K modem, 10/100 Ethernet, optional wireless LAN	802.11b wireless LAN, touch screen, sun-readable screen, backlit rubber screen, glove-usable touch pad	\$5,195 up
Twinhead Corp. Fremont, Calif. (510) 492-9828 http://usa.twinhead.com	Durabook NI400	Magnesium alloy case, rubberized around component areas, drop resistant, MIL-STD-810F vibration tested, spill-proof C-face, removable hard drive	1.6GHz to 2.2GHz Mobile Pentium 4 Processor, 128M	14.1-inch XGA	Three USB, one FireWire, one IrDA infrared, S-video, RJ-II/45, PC Card	20G to 100G removable HDDs, media bay for swappable CD-ROM or DVD/CD-RW Combo drives	56K modem, 10/100 Ethernet, 802.11b wireless LAN	Hard drive upgrade, port replicator, optional DVD MultiDrive	\$1,300 up
	Durabook NI5RI	Same	1.3GHz Pentium M 730 or higher or 1.6GHz Celeron M 1.3GHz and higher, 256M	15.1 XGA with optional high-brightness LCD	Three USB, one FireWire, one serial, S-video, RJ-II/45, PC Card, external monitor	40G to 80G anti-shock mounted HDDs, media bay for swappable CD-ROM or DVD/CD-RW Combo drives	Same	Multiple processor and memory upgrades	\$1,450 up
VT Miltope Hope Hull, Ala. (334) 284-8665 www.miltope.com	TSC-750M	MIL-STD 810/461/464-qualified	1.3 to 1.6GHz Pentium M Processor, 512M	13.3-inch Milbright ELG sunlight readable display with optional touch screen	Two USB, two serial, one parallel, IrDA infrared, VGA, two PC Card	40G shock-proof removable HDD, internal DVD/CD-RW, internal floppy drive	56K modem, 10/100 Ethernet, optional wireless LAN	Touch screen	\$5,000 up
Wescom Corp. Miami (305) 591-9498 www.wescomcomputer.com	NP-2000	Rugged design for police, fire departments, oil refineries, power plants, water and shock resistant (MIL-STD 810E-certified)	800MHz Pentium III, 64M	14.1-inch SXGA	Three USB, IrDA infrared, S-video, External VGA, FireWire, RJ-II/45, PC Card	10G to 40G HDD, module bay with various optical-drive options	56K modem, 10/100 Ethernet, optional 802.11b wireless LAN	CD-ROM, DVD/CD-RW, DVD-ROM drives, external USB drive, Bluetooth, 802.11b or GPRS modules, hard drive upgrades, car adapter, USB port replicator	\$3,299 up