

JNB-1401

13.3" Rugged Laptop with Core™ Duo 1.66 GHz CPU



Features

- Diecasted magnesium alloy shell with reinforced rubber edge covering
- Fanless fully sealed design with waterproof and dustproof performance
- EMC compliant, fulfilling GJB 151A and GJB 150 environmental requirements
- Supports wireless networking 802.11A/B/G
- Supports Bluetooth and compatible with Bluetooth v1.2
- Security functions, TCM1.2 (optional)
- Integrates one 1.3 mega pixel camera
- Supports fingerprint identification
- Special expansion dock (optional)



Specifications

Model	JNB1401-3	JNB1401-4
Processor	Intel® Core™ DUO LV Processor FSB 2 nd level cache	1.66GHz 667MHz 2M
Chipset	Northbridge Southbridge WLAN	Intel®945GME ICH7-M Intel® Pro/Wireless 3945a/b/g
Memory	DDR2(So-DIMMX1)+onboard	512MB or above, max. 2G + 512M
VGA Controller	Intel® GMA950	STD
Display	TFT LCD Sunlight Readable LCD Protection screen	13.3" XGA(1024 x 768) Optional STD
HDD	SATA5400RPM	80GB or above
Media Bay	Combo DVD Dual 2 nd battery pack Waterproof membrane Waterproof rubber backlight	Optional STD Optional STD Optional
Keyboard	Touch pad PCMCIA Express Card Card reader	STD 1 x Type II 1 x Type II 4IN1 MS/XD/SD/MMC
Audio/Camera	Azania 32-bit audio digital controller Speaker Camera	STD STD 130M Pixels
I/O port	Serial port USB 2.0 External VGA 1394B(Mini) Parallel port RJ-45 RJ-11 Microphone Line-out IrDA Docking port DC-in	2 3 1 1 NO 1 1 1 1 NO Yes Yes

Communication Interface	10/100/1000 base-T Ethernet	STD	STD
	56Kbps ITU V.92 modem	STD	STD
	Intel® PRO/Wireless 3945a/b/g	STD	STD
	Bluetooth	Optional	Optional
Security	TCM 1.2	Optional	Optional
	Fingerprint	Optional	Optional
Power	Adapter(90w)	STD	STD
	Li-ion Smart battery 6600mAh	STD	STD
	Operating system	WIN XP/WIN2000	WIN XP/WIN2000
Physical Characteristics	Dimensions(W x D x H)	328mm x 272mm x 46mm	328mm x 272mm x 46mm
	Weight	4.15kg	4.15kg
Port on vehicle docking	Serial port	2	2
	Parallel port	1	1
	USB 2.0	2	2
	Docking port	1	1
	ISA(PC 104 interface)	1	1
	PCI-E x1 slot	2	2

Environmental Test Specifications

Item	Test Criteria
Temperature	According to IEC 68-2-1, 2, 14/MIL-STD-810F, Method 501.4, 502.4
	Operating: -20°C~55°C Non-operating: -40°C~70°C
Humidity	According to IEC 68-2-30/MIL-STD-810F, Method 507
	45% to 95% RH, non-condensing
Altitude	According to IEC 68-2-13/ MIL-STD-810F, Method 500.4
	Operating: 15,000ft Non-operating: 40,000ft
	Altitude change rate: 2,000ft/min
Shock	According to IEC 68-2-27/ MIL-STD-810F, Method 516.5
Drop	According to IEC 68-2-32 / MIL-STD-810F, Method 516.5
Vibration	According to IEC 68-2-6 / MIL-STD-810F, Method 514.5
ESD	According to IEC1000-4-2
Enclosure	According to IEC 529, NEMA, MIL-STD-810F, Method 506.4, 510.4
	IP54 compliance
EMC	CCC, GJB151A-97
Others	MIL-STD-461E (optional)

Available Accessories

Part Number	Model Number	Description	Qty.
2360-024491	Power supply cable/KING-CORD/RoHS	KC-015A connector to KC-008 connector/length:1.5mm/H05W-F/K5A081H5150	1
—	User's Manual/RoHS	JNB-1401	1
—	Driver CD (protective film)	JNB-1401	1
2100-060971	Power adapter/EP5/RoHS	90/F10903-A(85)R/round head 4-pin	1
2100-059341	DVD-ROM/RoHS	DVD-ROM/CD-RW/DRIVE/DW-224E-V83-V93	1
1100-000231	Lithium-ion battery pack/RoHS	JNB-1401/9-cell battery pack	1
2360-027121	(YF)MODEM telephone line/JNB-1401/RoHS	Telephone line, length: 1.5m (outsourced)	1
2401-006501	(YF)Accessories box/RoHS	420mm x 365mm x 53mm/K3K/JNB-1401	1

Ordering Information

Part Number	Model Number	Description
0010-015090	JNB-1401/Rugged Laptop	Complete PC:L2400/512M/80G/90W POWER SUPPLY/JNB1401-945-MB/JNB1401-HDD-FPC-BD Converter board/JNB-1401
0010-015091	JNB-1401/Rugged Laptop	Complete PC/RoHS:L2400/512M/80G/90 WPOWER SUPPLY/JNB1401-945-MB/JNB1401-HDD-FPC-BD Converter board/JNB-1401
—	JNB-1401/Docking	