

JNB-1405

14.1" Fanless Rugged Laptop with Intel® Core™2 Duo Processor



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Optional Accessories Pictures



SATAHDD



DVD-ROM



DOCKING



BATTERY



COM MODULE

1

Full-Size/Half-Size Slot CPU Cards

2

SBC/Motherboard Modules

3

Embedded Box PC

4

Network Application Computers

5

Industrial PC

6

HMI

7

EVOG Rugged Series

8

MCC Series

9

Chassis

10

Data Acquisition Boards & Modules

11

Accessories



Specifications

System	
Processor	Onboard Intel® Core 2 duo SL9400 1.86GHz processor
Chipset	Intel® GS45+ICH9M-E
Memory	2GB + 512MB DDR2 800MHz memory
Graphics controller	Intel GMA X4500
Display	TFT LCD: 14.1" XGA (1024 x 768)
LCD protection screen	YES
Sunlight readable	Optional
Storage	
Serial ATA HDD	Removable SATA5400RPM 80GB(wide temperature HDD)
Media Bay	
DVD-ROM	Optional
DVD-dual(optional)	Optional
2nd battery pack	Optional
COM board	2 x RS232/422/485 (Optional)
Keyboard	
Waterproof	YES
Backlight	YES
Touch pad	Capacitance type touchpad
Audio/Camera	
Audio chip	ALC 888 Built-in, internal microphone External microphone
Camera	No
I/O Port	
External Port	2 x RS422, 3 x USB2.0, 1 x VGA port, 1 x IEEE 1394B port, 1 x RJ45, 1 x RJ11, 1 x Mic-in, 1 x Line-out, 4 IN 1 SD Card Reader, 1 x Docking port, 1 x DC-in
Expansion Bus	1 x PCMCIA Type II interface, supports 32bit Card bus 1 x Type II Express card interface

Features

- 14.1" fanless rugged laptop
- Intel® Core™2 Duo SL9400 processor
- Intel GS45 + ICH9M chipset
- Max. 2GB + 512MB DDR2 800MHz memory
- Optional DVD, Wireless, Bluetooth, Fingerprint, Modem, TCM1.2, Second HDD/Battery
- IP54 protection

Communication Interface	
Ethernet	1 x 10/100/1000 Base-T Ethernet
1 x 56Kbps ITU V.92 modem	Optional
Intel Pro/wireless 3945 b/g/n	Optional
Bluetooth v1.2 CLASS 1	Optional
Security	
TCM 1.2	Optional
Fingerprint	Optional
Kensington Lock	YES
Power	
Adapter	AC Adapter(90W, 100-240V, 50/60Hz)
Battery	Li-ion Smart battery 7800mAh
Operating system	Windows XP Home Edition (English)/Windows XP Professional Edition (English)/Windows XP Embedded (English)/Linux
Mechanical and Environmental	
Dimensions(W x D x H)	328mm x 272mm x 46mm
Weight	3.8kg
Reliability	MTBF ≥30000H; MRRT≤0.5H
Operating Temperature	-10℃~55℃
Storage Temperature	-40℃~70℃
Operating Temperature	20%-90%, 40℃ non-condensing
Test	
Vibration	MIL-STD-810G Series(standard)
Shock	MIL-STD-810G Series(standard)
ESD	IEC 61000-4-2/2001: Contact +/-4KV, Air +/-8KV
EMC	MIL-STD-461F Compliant
External port on Vehicle Docking	
Expansion port	2 x RS232, 2 x USB2.0, 1 x LPT, 1 x PC/104, 2 x PCI, 2 x PCI-e x1, 1 x DC-in

Optional Accessories Information

Part Number	Name	Description
1100-000261	SATAHDD	80G/5400R/8M/SATA/ST980817SM
1460-051041	DVD-ROM	DV-28S-V93/8X/198K/SATA/CD-RW
1100-000361	BATTERY	11.1V/6600mAh/9Cells
1100-000631	BATTERY	11.1V/7800mAh/9Cells
1991-000241	COM MODULE	2 x RS232/422/485
0010-018490	DOCKING	JNB-DOCKING

Ordering Information

Part Number	Model Number	Description
0010-024430	JNB-1405	Basic: Intel Core 2 Duo SL9400/2.5GB/80GB(WT)/14.1"LCD(Normal)/DVD(W/R)/Wireless/Bluetooth /fingerprint/Modem/7800mAh/AC adapter
	JNB-1405-1	Option-1: Intel Core 2 Duo SL9400/2.5GB/14.1"LCD(sunlight Readable)/Wireless/Bluetooth/fingerprint /MODEM/AC adapter
	JNB-1405-2	Option-2: Intel Core 2 Duo SL9400/2.5GB/14.1"LCD(sunlight Readable)/2xRS422/Wireless/AC adapter
0010-032820	JNB-1405-3	Option-3: Intel Core 2 Duo SL9400/2.5GB/14.1"LCD(Normal)/fingerprint/ AC adapter
0010-032830	JNB-1405-4	Option-4: Intel Core 2 Duo SL9400/2.5GB/14.1"LCD(Normal)/AC adapter