



- High Performance Rugged Notebook with IP54 Protection
- Up to 14,1" TFT Color Display
- Mil-Std-810

NOTEPAC

System	NotePAC™ (A770)
Processor and Chipsets	
Processor Type	Intel® Pentium M
Processor Speed	1.4 GHz / 1.6 GHz
Cache	1 MB
CPU front side bus speed	400 MHz
Intel Chipset	Intel 855GM
System Memory	
Memory	256 MB DDR-RAM
Sockets	2 SODIMM sockets for 200/266 MHz DDR
Drives	
Floppy disk	Removable 3.5" slim line drive 1.44 MB
Hard disk	Removable 2.5" EIDE Drive 40 GB
CD-ROM, DVD, DVD-RW	Removable slim line ATAPI drive
Video Graphics Controller	
Chipset	Integrated in Intel 855GM
Bus Type	AGP 4X
Memory	Up to 64 MB shared memory
Audio	
Controller	Realtek ALC202/ALC202A
Speakers	2 internal
Controls	OS Volume control
PC Card	
Controller	TI PCI4551 16-bit (PCCard) 32-bit (CardBus)
Connector Type	Cardbus compatible, 2 * type II or 1 * type III
Input Devices	
Keyboard	
Number of Keys	87-key, shower-proof and dust-proof rubber keyboard
Languages Available	German, English US, English UK, Danish, Spanish, French, Italian, Russian, others on request
Pointing Device	
Type	Touch pad
Interface	PS/2 compatible
Operation	2 buttons
Expansion Slot (Optional)	
ISA/PCI expansion bay	2x ISA or 2x PCI cards (max length 222 mm / 8.75", total power consumption < 20 W).
PC card	Two slots, 2x Type II or 1x Type III cards 16-bis PCMCIA, 32-bit CardBus
External Interfaces	
Serial Ports	1x RS232 , 9-pin DSUB (16550 UART with 16 Byte FIFO)
USB 2.0	2 Port
IEEE1394 (FireWire)	1 Port
IrDA.	1 Port
Parallel Port	1x 25-pin DSUB, EPP/ECP
VGA	1x 15-pin DSUB, for analog CRT / Beamer
Audio	External output, Microphone jack
LAN	RJ-45
Modem	RJ-11
Port-Replicator	High-density connector
Display	
Type	TFT or transfective
Size	12.1", 13,3" or 14.1"
Resolution	SVGA, 800 x 600, 16M colours (12.1" transfective) XGA, 1024 x 768, 16M colors (12.1", 13.3" & 14.1" TFT)



Power

AC input 100 ~ 240 VAC, 50~60 Hz (external AC adapter)
 Output Power 90 W (external AC Adapter)
 Internal consumption Typ. 30 W

Battery

Primary Battery Li-Ion, 8800 mAh
 Lifetime Average 3 hours

System Dimensions

Weight 5.45 kg (12 lbs.)
 Dimensions 84 mm / 3.3" height
 286 mm / 11.25" depth
 324 mm / 12.75" width

Operating Systems

Operating System MS Windows 2000, MS Windows XP

Options Available

Touchscreen Screen: Resistive Touch Option (12.1" displays only)
 Transflective option (12.1" SVGA only)
 14.1" XGA
 Memory: Up to 1 GB.
 CD Options: DVD or DVD-RW drive.
 HDD Options: Maximum capacity industry available 2.5" EIDE
 Communications: Wireless LAN IEEE 802.11b.
 Wireless Modem (GSM/GPRS).
 Battery: Bay 1 secondary battery or
 Bay 2 secondary battery
 Power Adapters: External car adapter/charger.
 External battery charger.
 Environmental: -20°C Operational Temperature

NotePAC

Environmental Specifications NotePAC™ (A320S)

Temperature	(Per IEC 68-2-1,2,14/MIL-STD-810F, Method 501.4, 502.4)
Operating	0 °C to +55 °C (Standard) -20 °C to +55 °C (Option)
Non-Operating	- 40 ° to +70 °C (tested)
Humidity	(Per IEC 68-2-30/MIL-STD-810F , Method 507.4)
Relative humidity, non-condensing	5 % to 95 %
Altitude	(Per IEC 68-2-13/MIL-STD-810F , Method 500.4)
Operating	15.000 ft (4.571,8 m)
Enclosure Class	(Per IEC529, MIL-S TD-810F , Method 506.4, 510.4)
	IP 54 (I/O covers closed)
Vibration	(Per IEC 68-2-6/MIL-STD-810F , Method 514.5)
Operating	10 - 55 Hz 0.075 mm 55 - 500 Hz 1.0 g
Non-Operating	10 - 55 Hz 0.15 mm 55 - 500 Hz 2.0 g
Shock	(Per IEC 68-2-27/MIL-STD-810F Method 516.5)
Operating	15 G, 11 ms ½ sine
Non-Operating	50 G, 11 ms ½ sine
Drop	(Per IEC 68-2-32/MIL-STD-810F , Method 516.5) 3ft height drop to concrete

Indications regarding availability, prices and technical data are correct at time of publication and are subject to change at any time.

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