

# NOVA CENTRO



Looks like a laptop,  
thinks like a Nova!

**UNIQUE EDUCATION  
HARDWARE HYBRID**

Now lighter, faster and double the memory, NovaCentro brings even more powerful student computing from Fourier. Extensive science and math technology and bundled educational software are packaged in clamshell folding casing with built-in keyboard and mouse pad.



Based on Nova5000 Technology

Science, Math & Assessment



# NOVA CENTRO Looks like a laptop, thinks like a Nova!



## Flexible & Easy

Retaining shock proof design, 8 hour battery life and instant on, *NovaCentro* shares the latest Nova line specifications for ultimate computerized learning. New features include faster processor, 2D graphic accelerator and enhanced multimedia and video playback capabilities, twice the RAM and storage memory, plus SD card slot for broader file transfer. The new Clamshell *NovaCentro* model promises a more immediate and accessible user experience in the classroom, out in the field or at home.



## Science Ready

Never before has a single solution been so Science Ready, mobilizing computerized science laboratories. *NovaCentro* enables students to perform just like scientists by combining data logging with computing. *NovaCentro* provides an efficient science learning system for a higher-skilled future labor-force.

- Collecting data with **built-in** award winning MultiLogPRO data logger (retail value \$300)
- Analyzing collected data with MultiLab analysis software
- Extensive online library of science worksheets, as well as curriculum books for all sciences plus interactive Periodic Table
- Ability to create full Lab reports in Office compatible Word and Excel documents, as well as direct printing capability
- Reviewing experiments with multimedia video capabilities, and synchronizing with live experiments
- Full class management of every Lab station, and display of every student's experiment process and results



## Complete Learning Environment

For instant access to student computing needs all day, *NovaCentro* also includes:

- Microsoft Office™ compatible software suite
- Portrait4 graphing scientific calculator by MathResources
- Inspiration concept mapping software
- MultiLab data capture & analysis software
- Windows Internet Explorer
- Windows Media Player
- Adobe Acrobat PDF reader
- Classroom Management software by LanSchool
- SmartTRAX Assessment software by LearnStar
- File and project management software by GoKnow



## Education First

- Accompanying students throughout the school day with battery life of 8 hours
- Windows CE is a constrained environment virtually maintenance free and preventing students from installing games
- *NovaCentro* remains virtually immune to viruses or students trying to change settings or disrupt the system
- More efficient project, class and homework management with GoKnow's GoManage file management software and LearnStar's SmartTRAX assessment management software
- LanSchool management software helps teachers focus and control their classroom creating an optimal learning environment



## Full Connectivity

- Wired and wireless networking with built-in 802.11b/g WiFi support
- Two USB Host ports for connecting to a range of USB devices including ThumbDrives and mice
- USB Sync port, used primarily for ActiveSync type applications
- SD card slot for file transfer and storage
- Support for Microsoft Active Directory service
- Remote desktop for client server applications



## Teachers really value:

- Bundling education software for math, science, assessment, class & work management, concept mapping and search engines
- Full class control in frontal lessons, group work or for individual attention
- Easy and safe distribution of lesson plans, homework, lab reports and tests
- Extensive curriculum support and online library
- Instant On/Off and short learning curve so no class time lost getting started



## Students benefit from:

- Increased motivation to learn, work independently and produce reports
- Improved individual attention or team work guidance
- Light weight 2.2 lb portability for homework, fieldwork or class work
- Full compatible Office suite integrating with other *NovaCentro* software applications
- Science tools to research, gather, analyze data and demonstrate results



## Parents are concerned about:

- Controlled access to Internet via approved educational sites only
- Increased student motivation indicated by attendance and homework records
- Removal of non educational computer activities, such as unapproved games
- Paralleling national goals for increased science vocational and technical skills
- Tools to better plan and organize student projects and homework



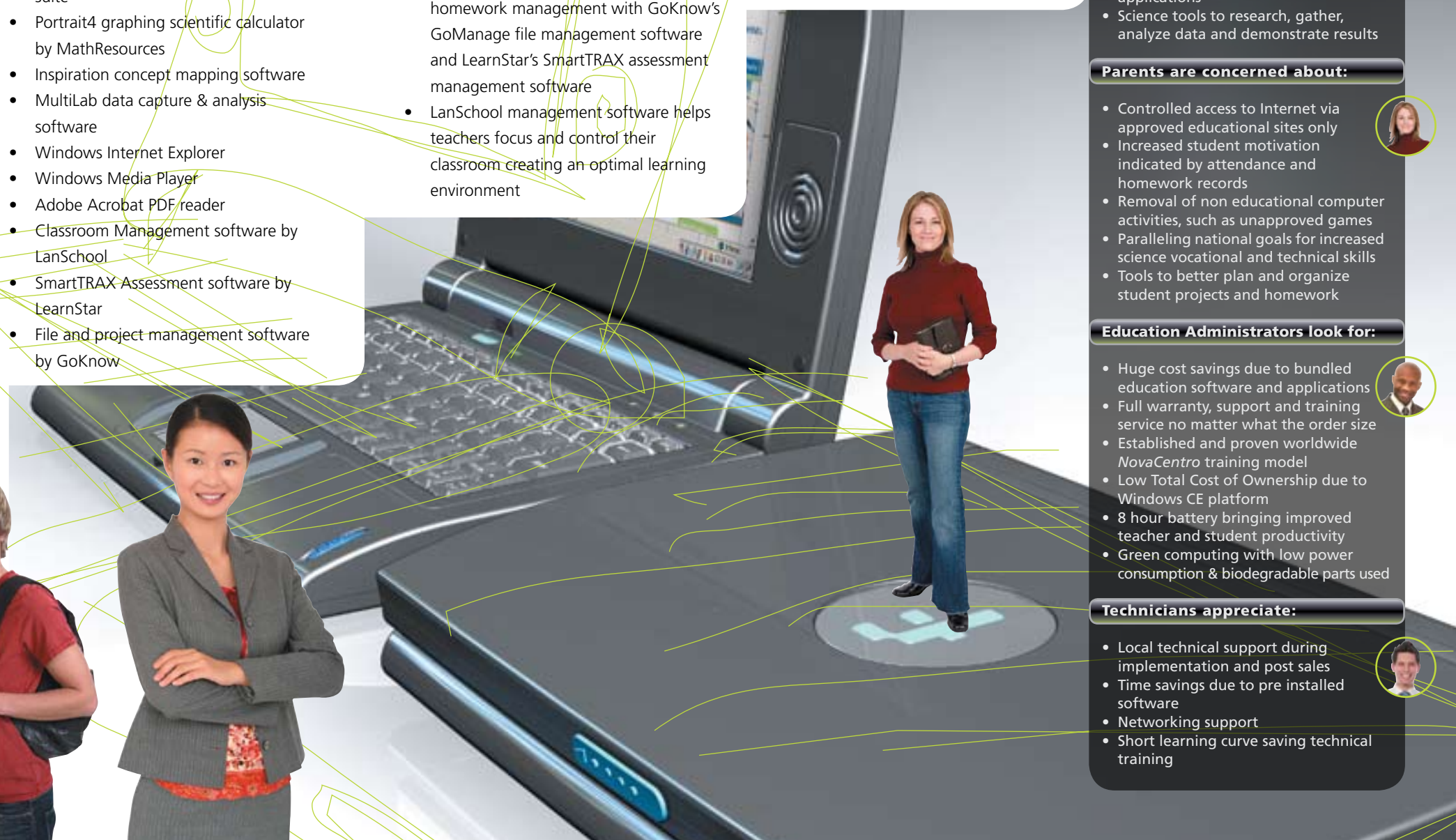
## Education Administrators look for:

- Huge cost savings due to bundled education software and applications
- Full warranty, support and training service no matter what the order size
- Established and proven worldwide *NovaCentro* training model
- Low Total Cost of Ownership due to Windows CE platform
- 8 hour battery bringing improved teacher and student productivity
- Green computing with low power consumption & biodegradable parts used



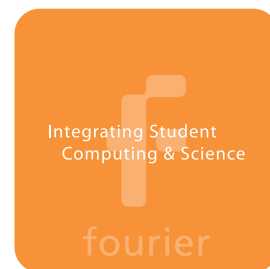
## Technicians appreciate:

- Local technical support during implementation and post sales
- Time savings due to pre installed software
- Networking support
- Short learning curve saving technical training



	NovaCentro BX-W	NovaCentro SX	NovaCentro EX
	Entry Level Productivity Machine	Student Computer & Science Model	Full 1:1 Curriculum Machine
<b>Specifications</b>			
Marvell PXA320, 624 MHz	✓	✓	✓
7 inch TFT LCD screen (800x480 pxl, 65,000 colors, 400 cd/m2)	✓	✓	✓
Touch screen	✓	✓	✓
128 MB RAM	✓	✓	✓
1 GB NAND Flash memory	✓	✓	✓
Built-in 2D Graphic Accelerator	✓	✓	✓
Dimensions	9.4"x6.72"x1.4" (24x16.8x3.5 cm)	9.4"x6.72"x1.4" (24x16.8x3.5 cm)	9.4"x6.72"x1.4" (24x16.8x3.5 cm)
Weight (including battery)	2.2 lbs (0.98 kg.)	2.2 lbs (0.98 kg.)	2.2 lbs (0.98 kg.)
<b>Software Applications</b> (Check with your Fourier Representative software languages availability)			
Operating System	Linux Embedded	Windows CE.NET 5.0	Windows CE.NET 5.0
Media player	Mplayer	Windows Media Player 9	Windows Media Player 9
Browser	Mozilla Browser	Internet Explorer 6	Internet Explorer 6
Email client	✓	Inbox	Inbox
Office Suite	✓ (word processor, spread sheet)	SoftMaker 2008	SoftMaker 2008
(including Word Processor, Spreadsheet and Presentation)			
Inspiration concept mapping software		✓	✓
Portrait-4 scientific graphic calculator		✓	✓
Inside Math: Vocabulary and Concepts		✓	✓
MultiLab data collection & analysis software		✓	✓
Virtual labs			✓
WordPad		✓	✓
Remote Desktop Connection		✓	✓
Microsoft Transcriber with character recognition		✓	✓
Flash 7 plug-in			✓
Printer drivers (for printers with PCL support)	✓	✓	✓
PrintBoy printing application		✓	✓
Statistical calculator	✓	✓	✓
Sound Recorder	✓	✓	✓
2nd Take Screen Capture Application		✓	✓
NovaNotes (for audio, sketch and note taking)		✓	✓
Unit Converter		✓	✓
Periodic Table		✓	✓
PIM Personal Information Manager (Calendar contacts and task manager)	✓		
Paint application	✓	✓	✓
PDF Viewer	✓	✓	✓
Image Viewer	✓	✓	✓
<b>Hardware Peripherals</b>			
Ethernet port 10/100	✓	✓	✓
Integrated WiFi 802.11 b/g	✓		✓
2 USB Host ports for devices such as ThumbDrive, mice, etc.	✓	✓	✓
USB Client Port	✓	✓	✓
Earphone and Microphone ports	✓	✓	✓
Built-in stereo speaker			✓
Built-in microphone	✓	✓	✓
12-bit / 4 input sensor interface (for data logging)		✓	✓
Standard VGA display port			✓
SD card port			✓
Rechargeable battery 8 hours	✓	✓	✓
Built-in keyboard	✓	✓	✓
Built-in touch pad	✓	✓	✓
<b>Accessories</b>			
USB communication cable 5 ft (1.5 m)	✓	✓	✓
AC Adapter / Battery charger	✓	✓	✓
CE Compliance	✓	✓	✓

Model P/N	Description
NovaCentroBXW	Entry Level with Linux OS
NovaCentroSX	Student Computer & Science Model - WinCE
NovaCentroEX	Full 1:1 Curriculum Model - WinCE
NovaMS	Middle School Probe Pack: Temp., Light, Voltage, Motion, Force, Microphone, pH, Pressure
NovaSP	Starter Probe Pack: Temperature, Light, Voltage probes



Biodegradable