



WinMedia



One of the reasons for the success of the 1Q/Series Numerical Control is continuous product evolution. We constantly strive to advance our technical know-how to maintain the high standard that our customers have come to expect from OSAI brand. The 1Q/S CNC is an acknowledged Market Leader thanks to the efforts made towards power and flexibility.

In further pursuance of this goal, PRIMA ELECTRONICS proposes the range of "WinMedia" Intelligent Operator Panels. In addition to the performance that is to be expected from a high specification Panel-PC, WinMedia marks a great visual, tactile and ergonomic innovation of the machine-operator interface concept.

Being equipped with pre-installed **MS-Windows™ XP Embedded** multi-language, the preferred language can be chosen from the 23 options available, without re-installing the operating system. In this environment **WinNBI**, the new OSAI operator interface suite, becomes the leading edge. By offering a standard interface for the CNC and all the development and set-up tools, WinNBI provides "user friendly" management of the CNC giving complete integration into the operator panel through simple but powerful multi-screen customization with Unicode support for non-European fonts. The same total ease-of-use approach has enabled us to reach new ambitious targets through the introduction of **NC-CAM Suite**, a Windows™-based suite, to be run on the WinMedia panel, dedicated to the interactive programming of multi-head, multi-spindle, drilling and routing centers for wood panels and glass sheets. The WinMedia product range, **powered at 24VDC**, is available in the **WinMedia Basic** and **WinMedia Value** versions, both based on the scalable ETX platform, equipped with "M" generation Intel® CPU's, with low heat generation that provides maximum reliability in a **fanless** structure. Both can be optionally equipped with **Touch Screen**. Access to the PCI expansion slot, the PC104 - PC104/Plus expansions and, for ease of maintenance, to the HDU and CPU, is now very much simplified.

PRIMA ELECTRONICS also offers an **Operator Console**, matched with the WinMedia design, that can be connected to the CNC through **OS-Wire** (OSAI digital bus) or through the standard **CANopen** interface. The combination of **WinMedia**

and **Operator Console** brings an innovative image and homogeneity to the CNC front end. The ability to customise the console buttons with industry standard parts (the I/O interface is integrated into the console) gives the flexibility to configure the complete operator interface for various types of application minimizing cabling.



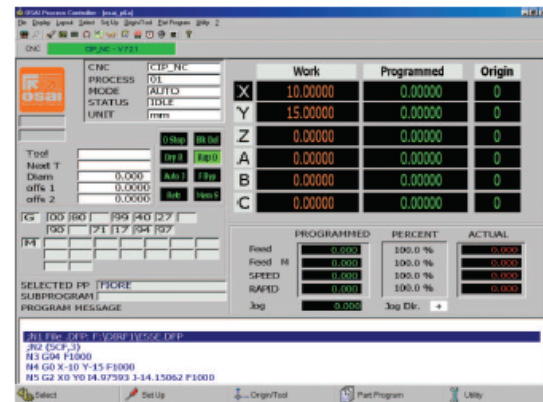


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>> Using the WinMedia Panel combined with the **WinNBI** (Windows Network Based Interface), the OSAI's new Windows™ network based interface, it is possible to use a "user friendly" graphical interface, customisable through the mouse with "Point & Click" and "Drag & Drop" techniques without needing Windows™ programming knowledge.

WinNBI allows the creation of customisable process screens. Different screens can be built, starting with the insertion of basic objects like axes positions, Feed, Speed, G, M, T functions, progressing through to modifiable fonts and colours.



Each of these screens can be matched to one or more processes according to the requirements of the specific application. As WinNBI is based on COM/DCOM technology aimed at distributed architectures, it can interface with different CNCs located in different places of the factory.

TECHNICAL CHARACTERISTICS WinMedia Panel			
Model	WinMedia Basic	WinMedia Value	WinMedia Compact
Processor	Intel® Celeron M 600 MHz	Intel® Celeron M 1.0 GHz	VIA Eden 733MHz
RAM Memory	SODDR RAM, 256Mb to 1Gb		DDR -SDRAM, 256Mb
Hard Disk	2,5" ≥40Gb		
CD-ROM (option)	1 CD-ROM drive		-
Keyboard (external)	Siliconic rubber, 103 half stroke keys, integrated Touch Pad with buttons, PS/2 connection		Siliconic rubber, 83 half stroke keys, PS/2 connection
Connections	1 PS/2 for KBD/Mouse		1 PS/2 for KBD/Mouse, 25-pin Parallel Port
Ethernet	10/100 Base-T, RJ45		
Serial Lines	1 ports RS-232, 1 port RS-232/422/485		
USB	2 USB 2.0 on the back, 1 on the front		2 USB 2.0 (1 if touch screen option is present)
Expansions	1 PCI slot, 1 PC/104 - PC/104 PLWS		-
Power supply	24Vdc +-10%, 1.5A		
Display	15" XGA TFT-LCD 331.3mm (H) x 257.9mm (V)		12,1" SVGA TFT-LCD 310mm (H) x 241mm (V)
Resolution	1024 (RGB x 3) x 768 XGA		800 (RGBx3) x 600 SVGA
Display angles (tyel)	UP 65°, DOWN 55°, R&L 70°		
Touch screen (option)	USB interface, resistive type		