

## Formula IF5300-IF7300 Series Industrial Panel PC

The Formula IF5300-IF7300 Series offers extensive bus expansion with 3 PCI or 2 PCI/2 PCI-E slots. Combining flexibility, functionality, superlative quality and elegant design with an extensive range of processing platforms and features the IF5300-7300 Series is ideal for the application with complex workstation needs.

The Formula Concept

**Formula = Display Module + Engine Bay + Media Bay**



### STANDARD FEATURES

- Long Term Availability
- 15" XGA TFT Display, resolution 1024x768, 16M colors
- 17" SXGA TFT Display, resolution 1280x1024, 16M colors
- IP-65 Front when properly installed
- Celeron M Processor 1.5GHz up to 2.33GHz Core 2 Duo
- On-Board Intel Extreme Graphics 2 Controller with 2D/3D Graphics Engine with 64MB memory
- Resistive ELO Touch Screen
- 3 PCI or 2 PCI/2 PCI-E Slots
- 256MB DDR memory
- 40GB 2.5" HDD, Slim DVD-RW
- Analog/CRT connector for Multiple Monitor Support
- Two PS/2 ports for Mouse and Keyboard
- Three (Two Intel945) 10/100/1000 Mbps Ethernet Controllers
- Two External USB 2.0 ports (Four with Intel945), two RS-232C serial ports and one parallel port (Only Intel855)
- Voltage: 100-240 VAC full range
- Operating Temperature: 0-45 Degrees Celsius
- CE Certification
- RoHS Compliant

### Startling Performance

The Formula IF5300/7300 Series provides the perfect platform for applications requiring a modular Panel PC system with ample expansion capabilities. In common with the IF5100/7100 Series, the IF5300/IF7300 Series is specifically designed for the User that needs functional consistency and long term availability. Innovative chassis design, leading edge European designed computer technology combined with high quality components and manufacturing processes make Formula ideal for the factory floor and demanding IT applications.

Formula is a complete system of compatible Display Modules and Engines (System Units) and a wealth of expansion options featuring a range of high performance Chipsets and Processors. Select from the powerful, cool running Celeron or Pentium M Series for classic industrial control applications or the startling performance of the Core 2 Duo range of processors; optimised for Microsoft Vista and especially suited for multiple compute and video intensive applications.

### SCREEN SIZES



SXGA TFT  
1280x1024 Resolution  
16M colours



XGA TFT  
1027x768 Resolution  
16M colours

## Formula IF5300-IF7300 Series Technical Specification

Processor	Embedded	M360	M745	M440	T2300	T5500	T7200	T7600
CPU Clock (GHz):	1.00	1.50	1.80	1.86	1.66	1.66	2.00	2.33
CPU	Celeron M	Celeron M	Pentium M	Celeron M	Core Duo	Core 2 Duo	Core 2 Duo	Core 2 Duo
Socket	mPGA478	mPGA478	mPGA478	mPGA478	mPGA478	mPGA478	mPGA478	mPGA478
L2 Cache	512K	1MB	2MB	1MB	2MB	2MB	4MB	4MB
Chipset	Intel 855GME / 6300ESB Embedded	Intel 855GME / 6300ESB Embedded	Intel 855GME / 6300ESB Embedded	Intel 945GM / Intel ICH7R Embedded	Intel 945GM / Intel ICH7R Embedded	Intel 945GM / Intel ICH7R Embedded	Intel 945GM / Intel ICH7R Embedded	Intel 945GM / Intel ICH7R Embedded
Front Side Bus	400	400	400	533/667	533/667	533/667	533/667	533/667
Video	Intel Extreme Graphics 2 Controller with 2D/3D Graphics Engine	Intel Extreme Graphics 2 Controller with 2D/3D Graphics Engine	Intel Extreme Graphics 2 Controller with 2D/3D Graphics Engine	Intel GMA 950 with 2D/3D Graphics Engine	Intel GMA 950 with 2D/3D Graphics Engine	Intel GMA 950 with 2D/3D Graphics Engine	Intel GMA 950 with 2D/3D Graphics Engine	Intel GMA 950 with 2D/3D Graphics Engine
System Memory Max	2GB	2GB	2GB	4GB	4GB	4GB	4GB	4GB
Memory Type	DDR	DDR	DDR	DDRII	DDRII	DDRII	DDRII	DDRII

### Configurable Options:

- Celeron M, Pentium M, Core Duo, Core 2 Duo Processors
- No-Touch option
- Memory expandable to 2GB (3GB DDRII)
- Fixed Hard Drive up to 120GB
- Additional Fixed or Removable Hard Drive up to 120GB
- Floppy Disk Drive
- Stainless Steel Front

- 24 Volt Power Supply
- Third/fourth Serial Port
- Additional USB ports

### Supports Operating Systems:

- Windows 2000 Pro
- Windows XP Pro
- Windows XP Embedded
- Windows Vista Business

