

Formula IFB300 Industrial Engines

Wall or Desk Mount industrial System Units with 3 PCI or 2 PCI/2 PCI-E slots.



STANDARD FEATURES

- Long Term Availability
Celeron M Processor 1.5GHz up to
- 2.33GHz Core 2 Duo
- Analog/CRT connector
- On-Board Intel Extreme Graphics 2
Controller with 2D/3D Graphics Engine
with 64MB memory
- 3 PCI or 2 PCI/2 PCI-E Slots
- 256MB DDR memory
- 40GB 2.5" HDD, Slim DVD-RW
- 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 IFB300 offers extensive bus expansion with 3 PCI or 2 PCI/2 PCI-E slots and in common with the IFB100, the IFB300 Series is specifically designed for the User that needs functional consistency and long term availability but with the added benefit of expansion for PCI-E Bus devices. 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 Engines form part of 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.

Formula IFB300 Series Technical Specification

CPU/Video/Memory Specification IFB300

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	3GB	3GB	3GB	3GB	3GB
Memory Type	DDR	DDR	DDR	DDRII	DDRII	DDRII	DDRII	DDRII

Configurable Options:

- Celeron M, Pentium M, Core Duo, Core 2 Duo Processors
- Memory expandable to 1GB (3GB DDRII)
- Fixed Hard Drive up to 120GB
- Additional Fixed or Removable Hard Drive up to 120GB
- Floppy Disk Drive
- 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



Contact Details

International Office

17 A Somerset House,
Hussar Court, Waterlooville
Hampshire, PO7 7SG, UK
Tel: +44 (0)23 9226 8080
Fax: +44 (0) 23 9226 8081
Email: sales@nematron.net

US and Canadian Office

5840 Interface Drive, Ann Arbor,
MI 48103 USA
United States
Tel: 1.734.214.2000
Fax: 1.734.994.8074
Email: info@nematron.com

DIMENSIONS

