



The IC3102BE processor module enables maximum **INGESYS™ TCMS** functionality and performance, offering a state-of-the-art solution.

These processor modules optimally integrate the real-time control characteristics and robustness, with advanced control functional features (data management, embedded web servers, communications protocols, etc).

Characteristics

- x86 500Mhz processor
- 2 Ethernet interfaces (10/100) M-12 connector
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- 2 CAN interface
- RTSX interface (Remote IO)
- 1 USB host interface
- 4MB RAM for user application
- 10MB internal Flash for user application
- 62KB NVRAM
- CF slot for user data
- TEST/ON/OFF switch and status LEDs
- EN510155 compliant

Technical Features	IC3102BE
Functional	
CPU	500Mhz Pentium Compatible
RAM Memory	4Mbytes
NVRAM Memory	62Kbytes
Internal Flash Memory	10MB for user application
CF Slot	CF without size restriction
Ethernet	2 x 10/100 BaseTX (M-12 connector)
Serial	1 x RS232C
USB	1 x USB 2.0 Host
CAN	2 x D-Sub9
TSX	8 channels
Electrical	
Power Supply	+ 3,3V / + 5,0V from backplane
Power Consumption 3,3V	1A (max.) / 0,75A (typ.)
Power Consumption 5,0V	1,5A (max.) / 1,125A (typ.)
Max.Dissipated Power	11W
Additional Descriptions	
Watchdog/ Self Diagnostics	
Real-time clock with lithium battery	
3 position working mode switch (TST/ON/OFF)	
3 status indication LEDs	
Internal temperature supervision	
Autodiagnosics	
Hot Swap	
Mechanical	
Dimensions (WxHxD)	78,5mm x 175mm x 150,5mm
Weight	1023g
Climatic	
Operating Temperature	Class TX:-40°C to + 70°C, passive cooling
Storage Temperature	-40°C to + 85°C
Relative Humidity	5% to 95% w/o condensing
Accessories (Not included)	
IC3581: COMPACT FLASH 512MB	
IC3582: COMPACT FLASH 1GB	
IC3583: COMPACT FLASH 2GB	