

# IB COM – Technical Data



- **Processor: Pentium® 233**
- **RAM: 32...256 MB**
- **Cache: 256kB**
- **Chipset: Intel 430 HX, Triton II**



- **Processor card**  
ISA slot CPU, half length
- **Backplane**  
2 ISA slots, half length, of which 1 slot free
- **PC104**  
One plug-in module, ISA slot remains free
- **Video**  
64 bit PCI controller for CRT and LCD  
2 MB VRAM, 1280 x 1024
- **Display size**  
12.1" SVGA (TFT)  
Display integrated into replaceable module
- **Protection class**  
IP 65 Front, IP 30 (optional IP 54) rear
- **Input**  
Touchpad, glove operateable  
Short-stroke keyboard, 32 keys, (MF II comp.)  
Short-stroke function keys, 28 keys (programmable)
- **Ethernet**  
10 Mbit/s on board with RJ 45 connector, AUI connector optional
- **Solid state disk (flash RAM)**  
512 KB on board, 1 MB to 8 MB optional
- **Interfaces**  
All models: 2 x serial RS232 or 1x serial RS422/485 and 1 x serial RS 232 (IRDA optional), 1 x parallel (ECP/EPP)  
In addition IB COMfort: front 1x USB and 1 x PS/2 keyboard, rear 1 x PS/2 keyboard  
In addition IB COMcompact: 1 x PS/2 mouse/keyboard combi-connector, 1 x external floppy-connector

- **Accessible bays, front (IB COMfort only)**  
1 x 3.5", 1 x 5.25" standard size
- **Internal bays in computer module**  
1 x 2.5" for hard disk
- **Drives**  
All models: 2.5" hard disk 2 GB/3 GB/4 GB EIDE  
In addition IB COMfort: 1.44 MB/120 MB floppy, 8 GB ATAPI streamer, 32 x ATAPI CD ROM, remov. hard disks, MO-drives  
In addition IB COMcompact: external 1.44 MB floppybox
- **Industrial features**  
Watchdog timer, temperature control, current control  
Variety of PC104 modules and ISA adapters for industrial communication  
Multimedia/video expansion module
- **Power Supply**  
115/230 VAC (85-264 VAC)  
24 VDC (20-36 VDC)
- **Temperature**  
Enclosed case: 5-45°C operating  
Air filter case: 5-50°C operating
- **Weight**  
IB COMcompact approx. 9 kg  
IB COMfort approx. 13 kg
- **Dimensions (w x h x d)**  
Depth behind front panel 100/70 mm  
Display module: 353x279x28mm  
Function module: 310x207x17mm  
Computer module: 307x243x100mm

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