IMP-MAS4

Modular Peripheral Master

→ GinLink master

→ 1.2 GHz dual-core PowerPC

→ 1 GB DDR3-800 RAM
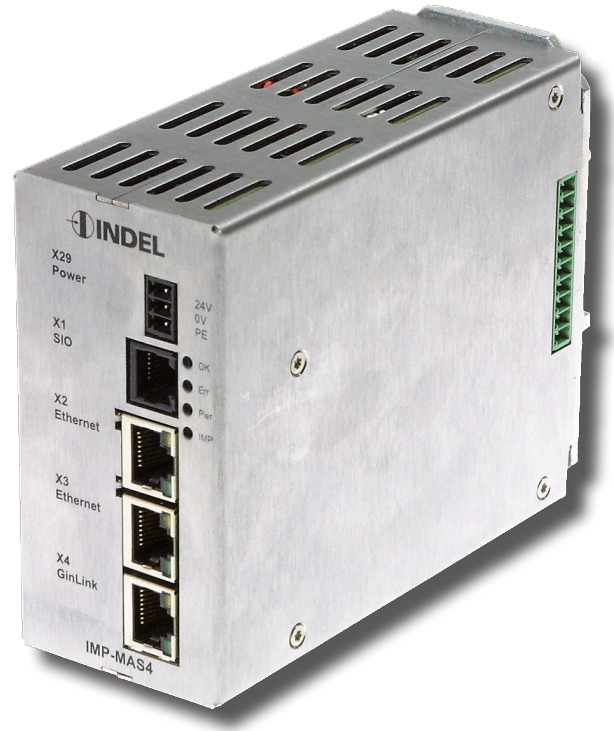
Facts	
Interfaces	1 × GinLink 2 × Gigabit Ethernet 1 × InfoLink (Tx & Rx) 1 × SIO (RS232) 1 × IMP-Bus
CPU	1.2 GHz dual-core PowerPC Freescale QorIQ P2020/P2010
Cache	L1: 32I/32D KByte per core L2: 512 KByte
Memory	1 GByte DDR3-800 (400 MHz), 64 Bit 0.5 MByte MRAM 8 MByte Flash
Operating system	Indel-Realtime-OS (INOS)
Motion control	Max. 250 axes Max. 32 kHz position loop
Dimensions	107 × 52 × 130 mm (h × w × d)

The IMP-MAS4 is a compact CPU board for use as a fieldbus master.

The IMP-MAS4 can control additional I/O modules directly because of the integrated IMP-Bus (Indel Modular Peripherals) without the need of a fieldbus or fieldbus couplers.

As the fieldbus master for the Indel GinLink, the IMP-MAS4 controls and coordinates all peripherals.