

Datasheet: com.tom BASIC 3.0 S

The com.tom BASIC 3.0 is a ready-to-use device to develop an application specific solution with short development lead times. The device offers communication interfaces like Ethernet and a serial port. With the integrated switch and the auxiliary functions com.tom a compact VPN and NAT cheap local network structure to access controls and devices is given. With the GPJ supply a com.tom GRAPHIC may be supplied directly via port ETH1.3/GPJ.



Technical data

IPC@CHIP®	SC143-LF Embedded Controller
Ethernet interface	1 + 4 x 10/100BaseT, RJ45 connectors with traffic and link LED
Serial interface	1 x RS232, RS485 or RS422 (selectable) with (one) DSUB9 connector
SD Card interface	MMC/SD memory card
Supply voltage	24 VDC (-15% / +15%) GPJ supply is only required if a com.tom GRAPHIC should be supplied via port ETH1.3/GPJ Two mating connectors (Weidmüller BL 3.50/3) are included in the delivery scope
Active current	com.tom supply: max 100mA (at 24VDC) GPJ supply: max. 500mA (24VDC)

Software engineering

Operating System	IPC@CHIP® RTOS
Application	Freely programmable in C/C++ with the Beck IPC Edition of the Paradigm IDE

Environmental

Operating temperature (TA)	0°C to +55°C (-20 °C to 60 °C upon request)
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Mechanical data

Size (W x L x H)	46 x 105 x 70 mm
Material	Continuously hot-dip aluminium-zinc coated steel sheet (DIN EN 10215)
Mounting	DIN rail mounting

Compliance and Conformity

CE, RoHS/WEEE	
- EMC emission	IEC 61000-6-4
- EMC immunity	IEC 61000-6-2
- Protection Rating	IEC 60529: IP20
- Electrical Shock	IEC 61140: Class III
- Low Voltage Directive	IEC 60950-1

Ordering information

Order-No. com.tom BASIC 3.0 S:	570883
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