

## Datasheet: com.tom BASIC 6.0

The com.tom BASIC 6.0 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 two serial ports. Furthermore four digital inputs and four digital outputs are present.



### Technical data

IPC@CHIP®	SC143-LF Embedded Controller
Ethernet interface	1 x 10/100BaseT, RJ45 connector with traffic and link LED
Serial interface	1x RS232, RS485 or RS422 (selectable) with (one) DSUB9 connector 1x RS232 with DSUB9 connectors
SD Card interface	MMC/SD memory card
Digital Inputs	4 x sink, 24 V DC typ 5 mA nominal value for TRUE: 15 V DC min nominal value for FALSE: 5 V DC max no potential isolation
Digital Outputs	4 x Transistor (high-side) 24 V DC, max 500 mA short-circuit and overload resistant, no potential isolation, mating connector Weidmüller BL 3.50/10 included in the delivery scope
Supply voltage	24 VDC (-15% / +15%) mating connector Weidmüller BL 3.50/3 included in the delivery scope
Active current	max 100mA (at 24VDC) + current digital outputs

### Software engineering

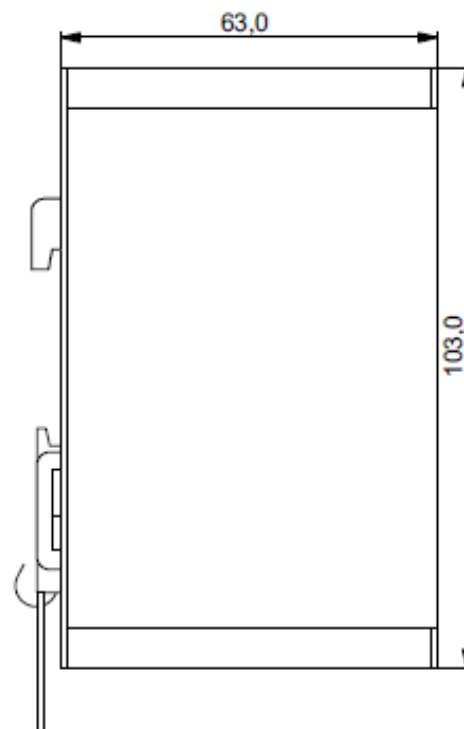
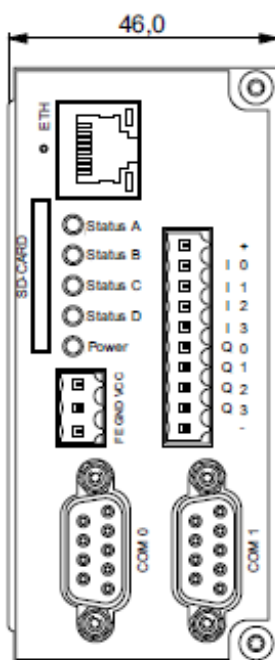
Operating System	IPC@CHIP® RTOS
Application	Freely programmable in C/C++ with the Beck IPC Edition of the Paradigm IDE

### Environmental

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

### Mechanical data

Size (W x L x H)	46 x 103 x 63 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 6.0:	570640
------------------------------	--------

---