

The Pico ITX compatible carrier board for all DHCeMs

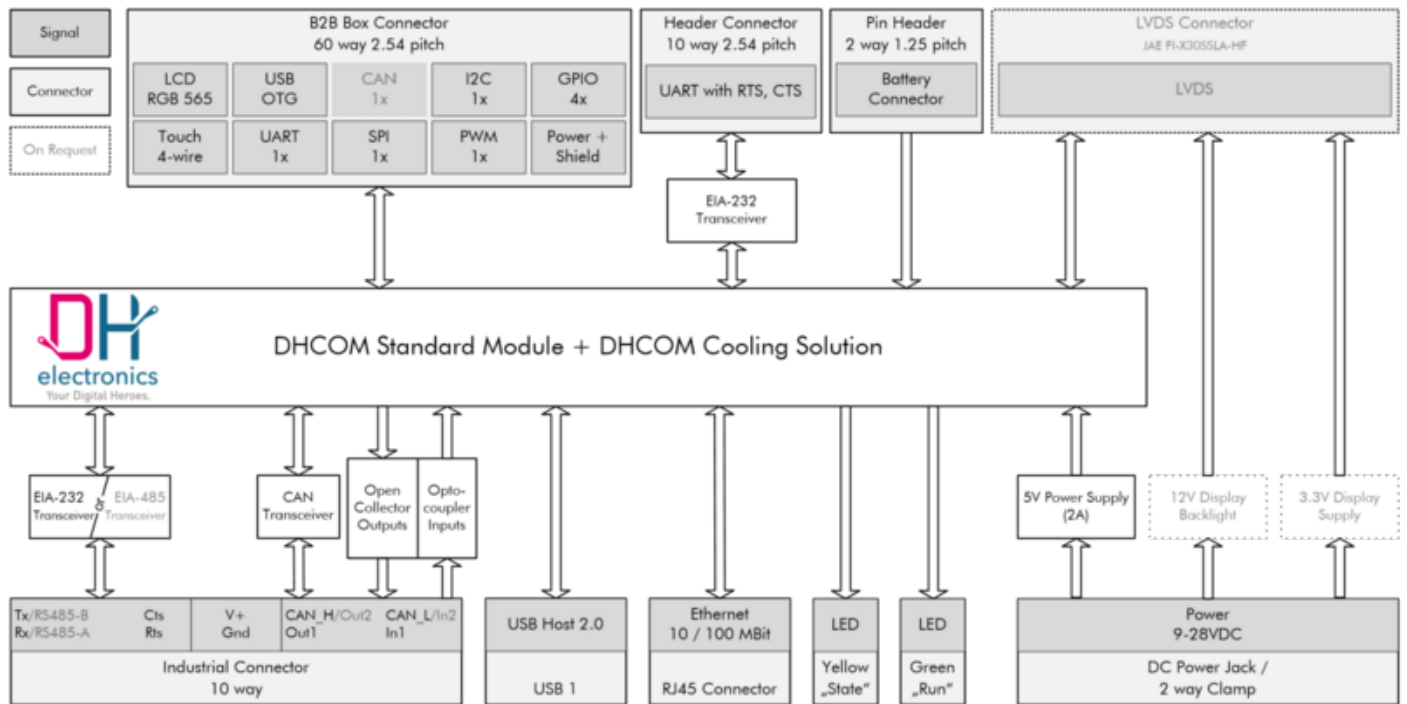
- ▶ Ideal for fast and easy prototyping
- ▶ Compatible with all pluggable DHCeM modules with SODIMM-200 socket
- ▶ Space saving with only 100 x 72 x 18 mm
- ▶ No heat sink thanks to 5-Cent Cooling Solution

Technical Data

Board type	Carrier Board
5-Cent Cooling available	✓
Ethernet	10 / 100 Mbit/s
USB	USB host: 1x USB 2.0 high-speed USB OTG: 1x USB 2.0 high-speed
RS232 RS485	1x Rx / Tx / Rts / Cts 1x Rx / Tx / Rts / Cts OR RS485
UART	1x Rx, Tx
CAN	1x CAN up to 1 MBaud or CAN without transceiver

I2C	1x
SPI	1x, 1 chip select
Display	1x RGB @24 Bit
Touch	4-wire resistive
PWM	1x 16 Bit
Number of GPIOs	4
Inputs	1x Optocoupler
Outputs	1x Open Collector
LEDs	2x status (green, yellow)
Battery socket	CR2032
Power supply	9.0 to 28.0 VDC
Operating temperature	-40 to +85 °C
Storage temperature	tbd.
Dimensions	100 x 72 x 18 mm

Block Diagrams



Configurations

Item Number	Model (other configurations on request)	Product description
HP00029	DHEC-PITX-DHCM-RS232-CAN-02PI 487-700	Dev Kit, picoITX, DHCOM modules, RS232, CAN, revision 02
HP00033	DHEC-PITX-DHCM-RS485RTS-CAN-02PI 487-700	Dev Kit, picoITX, DHCOM modules, RS485RTS, CAN, revision 02

* Other configurations on request