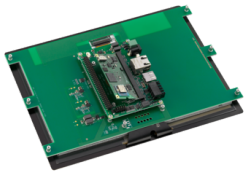
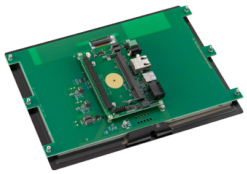
DHMI 10.1







Hochwertiges HMI mit 10.1'' und optionalem Rahmen.

- Robuste und kompakte Lösung für die Interaktion zwischen Mensch und Maschine
- Leistungsstarkes und energiesparendes DHCOM Modul als Recheneinheit
- Einsatz in Industrieanwendungen dank EN 6100-6-2 EN 6100-6-3 , EN 6238
- Kein Kühlkörper dank 5-Cent-Cooling Solution
- CE-Zertifizierung , UL-Zertifizierung
- Dank Familienkonzept kann das Modul jederzeit durch ein performanteres ausgetauscht werden

Technische Daten

CPU details	
CPU name	DHCOM i.MX6 Solo | DHCOM STM32MP15 | others on request
CPU type	Cortex-A9 | Cortex-A7 and Cortex-M4
CPU clock	up to 800 MHz

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DHMI 10.1

Memory

DDR3 RAM	1024 MB
eMMC flash	4 GB
E2Prom	128 Byte
Micro SD socket available	✓
External RTC available	✓

Connectivity

USB host	1x High-speed
Ethernet	10 / 100 Mbit/s
Serial interfaces	1x RS232 (Rx, Tx, Rts, Cts) | 1x RS485 (available instead of RS232)
Input	1x
Output	1x
CAN	1x 1 Mbit/s

Multimedia

2D | 3D GPU	2D: Vivante GC320 for i.MX6 Solo 3D: Vivante GC880 with 1 shader for i.MX6 Solo
2D | 3D Acceleration	Yes | Yes
Display diagonal	10.1 inch
Resolution	1280 x 800 px
Color depth	16.7M

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MTBF	50.000 hrs
Touch	PCAP

Operating system

BSP	Linux (Debian, Yocto)
Debug interface	JTAG interface on module
Setup and config	Get our free web browser to configure the DHMI or to display any website.

Physical

Dimensions	257 x 173 x 35 mm frameless 272 x 193 x 38 mm with frame
Weight	860,5 g (frameless) 1157,5 g (with frame)
Power supply	24.0 VDC
Typ. power consumption	15.0 W
Operating temperature	0 to +50 °C
Storage temperature	0 to +70 °C
Moisture	+10 % to +80 % (non-condensing)
Certifications	EN 61000-6-2 | EN 61000-6-3 | EN 62368

Konfigurationen

Artikelnummer	Modell	Produktbeschreibung

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FD00055	DHMI-101-P-FB-STM32MP157C-R102-F0819-E-CAN-IO-RS232-C-01P1	DHMI, 10.1", PCAP touch, framed black, STM32MP157C, 1024 MByte, 8192 MByte eMMC, ethernet, CAN, additional IOs, RS232, 0 to +50 °C, revision 01, picoITX1

* Andere Konfigurationen auf Anfrage

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Wie setzt sich die Modellnummer für die Bestellung zusammen?

DHMI-INCH-T-HO-CPU-Rxxx[-Fxxxx][-E[x]][-CAN][-IO][232][485][-LON][-W][BT][-LTE]-X-01P1

INCH	040 = 4.3", 070 = 7.0", 080 = 8.0", 101 = 10.1"
T	R = resistive touch, P = PCAP touch
HO	OF = Open Frame, BO = Boxed, RM = Rear Mount, FB = Framed Black, FM = Framed Metallic
CPU	IMX6S = i.MX6 Solo, IMX6D = i.MX6 Dual, IMX6DL = i.MX6 Dual Lite, IMX6Q = i.MX6 Quad STM32MP157C = STM32MP157C
Rxxx	RAM memory size in 10 MB steps (i.e. R006 = 64 MB, R012 = 128 MB, ...)
X	Commercial temperature range (0 °C - 70 °C): C, Industrial temperature range (-25 °C - 85 °C): I
01Px	Revision 01; P[x] = dhpico ITX type [1,2,...] example: 01P1 = 487-600 dhpico ITX, 02P1 = 487-700 dhpico ITX
Options	
Fxxx	Flash memory size in 10MB steps (i.e. 0006 = 64MB, 0012 = 128MB, 0...)
E[x]	E = Ethernet, E[2] = Dual Ethernet
CAN	CAN port
IO	additional IOs
232	RS-232 interface
485	RS-485 interface
LON	LON interface
W	W = WiFi
BT	BT = Bluetooth
LTE	LTE interface

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