

DINGO i.MX28 Computer Board

Item specifications

Go-IoT Item Id:	DINGO-CB-IMX28-01
CPU	i.MX28 Processor @ 454MHz
RAM	128Mbyte DDR2
FLASH	128Mbyte NAND
SD Holder	Up to 16Gbyte uSD Card
Ethernet	10/100 with Link / Activity LEDs
USB	2 x USB 2.0 Type A Connectors 1 x USB 2.0 OTG Connector 2 x USB Ports to Base Board
Serial Interface	1 x RS232 RJ45 Connector 1 x RS485 RJ45 Connector 1 x TTL Serial Debug Connector 2 x TTL Ports to Base Board
1-Wire Interface	1 x 1-Wire Interface RJ45 Connector 1 x 1-Wire Temperature Sensor (on board)
Real Time Clock	DS1339 with Battery Backup
EEPROM	24LC32 – 4K x 8
I2C Ports	2
SPI Ports	1
Expansion Connectors	1 x 40way header to Base Board 1 x 20way header to Base Board 1 x 30way header to Display Board 21 x GPIO
DC Input	+12V @ 0.4A (internal power supply unit available as plug-in)
Temperature	-20 degree C to +85 degree C
Size (L x W x H)	101 x 60 x 19 mm
Country/Region of Manufacture:	EEC

