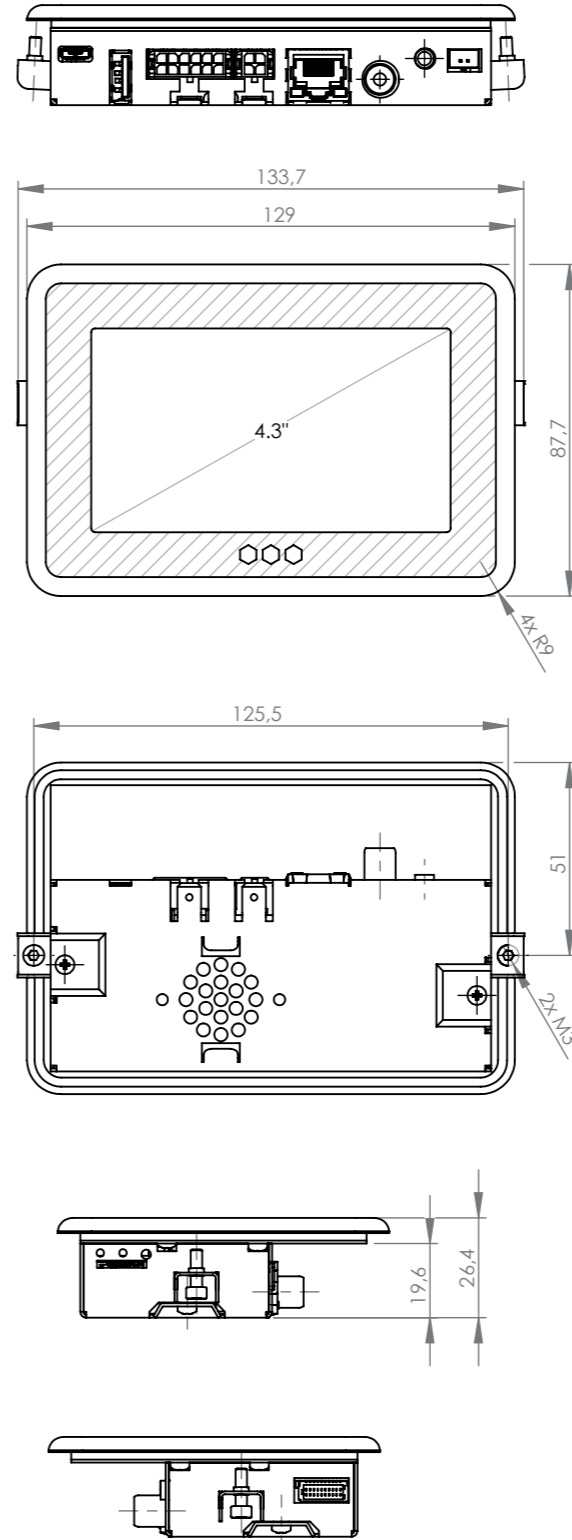


SOLUTIONS THAT COMPLETE!

GARZ FRICKE

NESO LT 4.3 BX
ARM9 Panel Mount



TECHNICAL SPECIFICATION
NESO LT 4.3 BX

| CPU | RS-485 | CAN |
|---|--|------------------------|
| CPU Type | i.MX 257 | |
| Core Class | ARM 926 | |
| Core Clock | 400 MHz | |
| Features | 16 KB for Instruction and data caches | |
| RTC | Accuracy: +/- 30 ppm at 25°C | |
| Memory | | |
| NAND Flash | 256MByte NAND Flash | |
| RAM Standard | 128 MByte DDR-SDRAM | |
| Micro SD Card Slot | 4 bit MicroSD (HC) | |
| Operating Systems | | |
| Supported OS | Windows CE 6.0, Linux Yocto | |
| Communication Interfaces | | |
| Digital I/O | 1x Digital Out (0.7 A) | |
| Network | 1x 10/100 Mbit/s Ethernet (RJ-45) | |
| RS-485 / CAN Fieldbus | 1x RS-485 (Half duplex) | 1x CAN (ISO/DIS 11898) |
| RS-232 | 1x RS-232 (RX/TX/CTS/RTS) | |
| Synchronous Serial Interfaces | SPI (10 MBit/s) up to 12 chip selects; I ² C, Matrix keypad up to 8 x 8 | |
| High-Speed USB 2.0 | 1x 12 Mbit/s Full Speed Host 1x 480 Mbit/s High Speed OTG | |
| Audio | | |
| Speaker output | 1x speaker (connector), 1.0 W RMS (8Ω) | |
| Audio Internal | 1x speaker 0.3 W RMS (8Ω) | |
| Display and Touch | | |
| Size | 4.3 inch/109.3 mm | |
| Resolution | 480 x 272 pixel | |
| Brightness | Typ. 350 cd/m ² | |
| Backlight Lifetime | Typ. ??? h | |
| Viewing Angle | 60°, 65°, 70°, 70° (UDRL) | |
| Color | 24 bit (16.7 Mio. colors) | |
| Touch | 4 wire resistive | |
| Housing | | |
| Metal Parts | 1.4016 high quality steel 0.8 mm | |
| Front | Surface Hardness 3H; antiglare | |
| Device Dimensions | | |
| W x H x D | 133.7 x 87.7 x 26.4 mm | |
| Weight | 270 g | |
| Power Supply | | |
| Supply Voltage | Nom. 9 to 16 V DC | |
| Consumption | Typ. 2.1 W; max. 9.0 W | |
| Typical Environmental Conditions | | |
| Storage Temp. | -20 to +70 °C | |
| Operating Temp. | 0 to +60 °C | |
| Humidity | 5 to 90 % RH | |

| | | | | | | |
|---------------------|----------|---------|------------------------|----------|-------|--------|
| 128 MB 256 MB | Audio | USB 2.0 | SPI / I ² C | Ethernet | Linux | PCAP |
| ARM A9 i.MX25 | micro SD | RS-232 | RS-485 CAN | Windows | 4.3 | 4 wire |

Online support on www.garz-fricke.com

„This product can be modified by alternative assembly. Please contact us for available options.“