NALLINO 4.3 OF PCT

4.3 inch Rear Mount HMI based on NXP i.MX6ULL processor

Low-power and high cost efficiency solution

Rear Mount



HIGHLIGHTS

CPU
NXP i.MX 6ULL

CONNECTIVITY
1x 100MbE, 2x USB, RS232, RS485, CAN

MEMORY
Soldered on Board DDR3L memory

AI-ENABLED WITH CLEA

GOLD PARTNER NXP

yocto PROJECT

MAIN FIELDS OF APPLICATION

- Biomedical/ Medical devices
- Fitness Equipment
- HMI
- Industrial Automation
- Measuring instruments
- Multimedia devices
- Point of Sales
- Wireless Technologies

FEATURES

Processor	NXP i.MX 6 Family, based on ARM® CORTEX-A7 processors: i.MX6ULL 792 MHz
Memory	512 MB 32 bit DDR3L
Video Resolution	4.3 inch display, resolution 480 x 272, LED lifetime typ. 30k hours typ. 576 cd/m² brightness P-Cap (Projected Capacitive touch screen), with 3.0mm toughened glass cover, RAL 9005
Mass Storage	eMMC: 4 GB MLC micro SD slot: 4 bit MMC/SDIO/SD/SDHC
Networking	1x 100MbEthernet
USB	1x USB 2.0 OTG micro-AB 1x USB 2.0 Type-A
Audio	1x speaker (connector), internal buzzer
Serial Ports	RS-232, RS-485
Power Supply	9 ÷ 32 VDC

Operating System	Yocto
CAN Bus	1x CAN (ISO/DIS 11898)
Operating Temperature*	0°C ÷ +60°C
Dimensions	130.7 x 70 x 31,9 mm

*Measured at any point of SECO standard heatspreader for this product, during any and all times (including start-up). Actual temperature will widely depend on application, enclosure and/or environment. Upon customer to consider application-specific cooling solutions for the final system to keep the heatspreader temperature in the range indicated.

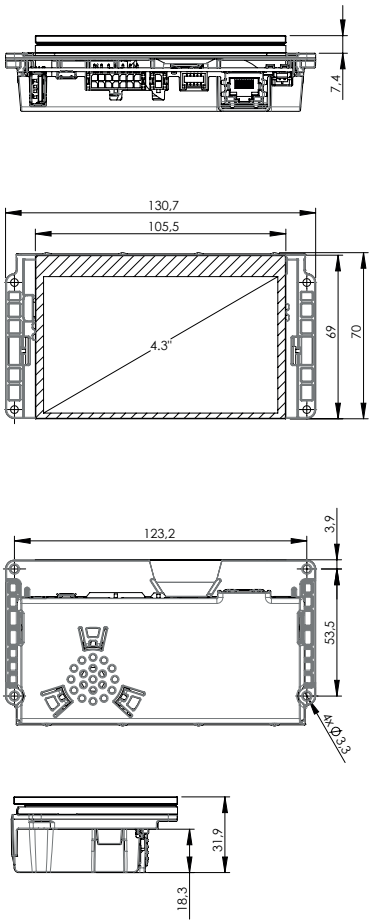
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BLOCK DIAGRAM

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900-4148R



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