



42,8" LCD TFT display available with or without an integrated, fanless industrial computer. Designed for railway applications. Provides high performance in a wide range of operating temperatures with low power consumption. It has the function of adaptive LCD matrix backlight that allows to adjust to prevailing lighting conditions.

Mechanical properties

Manufacturer	ELLT
Processor	Intel Apollo Lake (Atom)
Computer	Piesia or Gigabyte
RAM	1x DDR3L 4GB
Supply voltage range	16.8÷36 V DC
Rated voltage	24 V DC
Energy consumption	Max consumption 85 W (1000cd), 130 W (2500 cd)
Exit ports	1x USB 2.0, 1x HDMI (with PC)
LAN	1x 10/100 LAN with connector M12 D-code female 4-pin
Power connector	2-pin connector MATE-N-LOK male
Screen diagonal	42.8" (stretch cut)
Active area	1039.48 mm x 259.92 mm
Maximum resolution	1920x480 px
Luminance (cd / m2)	500÷2500
Contrast	1000:1
mSata	1x mSata 128GB

Technical parameters

Dimensions	1103 mm ± 2 mm x 324 mm ± 2 mm x 73 mm ± 1 mm
Weight	20±0.45 kg
Working temperature	-25÷55°C



Technical parameters

Storage temperature	-25÷55°C
Relative humidity	10÷90% (no condensation)
Screen protection	Laminated glass 2+2 mm
Coated with paint	Any color from the RAL palette
Level of security	IP54 (front), IP40 (back)

Standards

Norms	EN 50155, EN 45545-2, EN 50121-3-2
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Available models:

ETLCD420CV1-1 – with Piesia computer

ETLCD420CV1-2 – with Gigabyte computer