X

eX700 Series

The Revolutionary IIoT Controller



X

...Our Word Counts



Key Features

Created Within the X Platform

Industry 4.0 Product Concept

HW and FW Optimised for Extremely Fast Operation

System and Project Rapid Boot-Up

OS Linux RT

JMobile - the software that powers the X Platform

CODESYS V3 with Ethernet I/O Stacks

Multitouch and Gesturing

Brilliant 2,100,000 pixel Display

Wide Angle Visibility

Beautiful 16,000,000 Colors

Resistant to Scratches, UV and Chemicals

Total Glass Design

Network Separation possibile via

Up to 3 Ethernet Networks with different IP addresses

Plug in Modules for system Expansion

RCM*, IECEx*, ATEX*, DNV-GL*, cULus*, cULus Haz. Loc.*

eX700 Series

A beautiful product, created within the X Platform and hence with an unsurpassed ability to offer access and scalability into Industry 4.0. The tremendous technical flexibility is backed by a company with 45 years in the industry and still with a market price at previous models.

The eX700 Series represents a ground breaking product to come to market:

The Revolutionary IIoT Controller.

The product's concept permits a prudent investment into the implementation of IIoT and hence Industry 4.0 compatibility.

As such it provides a true all-in-one solution covering many functions such as:

- As a powerful **Browser** with industry standard Web engine powering state of the art Chromium browser
- As a Gateway with up to 3 Ethernet networks,
 OPC UA pub/sub* Server and Client, future
 TSN connectivity* and multiple protocols
- As a powerful **HMI** using JMobile inside with multi touch operation in a brilliant high resolution display
- As a **PLC** with the CODESYS V3 can function as Master through major protocols

*Road map for 2017



Data Sheet



eX705 - Technical Data







System Resources	
Display - Colors	5" TFT 16:9 LED - 64K
Resolution	800x480, WVGA
Brightness	300 Cd/m2 typ.
Dimming	to 0%
Touchscreen	True Glass Projected Capacitive, Multitouch
CPU	ARM Cortex-A8 - 1 GHz
Operating System	Linux RT
Flash	4 GB
RAM	512 MB
Real Time Clock, RTC Back-up, Buzzer	Yes
Interface	
Ethernet port	2 (port 0 - 10/100, port 1 - 10/100)
USB port	1 (Host V2.0, max. 500 mA)
Serial port	1 (RS-232, RS-485, RS-422, software configurable)
Serial port	Max 3 serial ports using plug-in modules.
SD card	Yes
Expansion	1 slot for plug in modules
Ratings	
Power supply	24 Vdc (10 to 32 Vdc)
Current Consumption	0.6 A at 24 Vdc (max.)
Input Protection	Electronic
Battery	Rechargeable Lithium battery, not user-replaceable
Environment Conditions	
	-20° to +60 °C (vertical installation)
Operating lemp	Plug-in modules and USB devices may limit
Operating Temp	Plug-in modules and USB devices may limit max temperature to +50 °C.
	max temperature to +50 °C
Storage Temp	max temperature to +50 °C / -20°C to +70°C
Storage Temp Operating / Storage Humidity	max temperature to +50 °C -20°C to +70°C 5-85% RH, non condensing
Storage Temp Operating / Storage Humidity Protection Class	max temperature to +50 °C / -20°C to +70°C
Storage Temp Operating / Storage Humidity Protection Class Dimensions and Weights	max temperature to +50 °C -20°C to +70°C 5-85% RH, non condensing IP66 (front), IP20 (rear)
Storage Temp Operating / Storage Humidity Protection Class Dimensions and Weights Faceplate LxH	max temperature to +50 °C -20°C to +70°C 5-85% RH, non condensing IP66 (front), IP20 (rear) 147x107 mm (5.78x4.21")
Storage Temp Operating / Storage Humidity Protection Class Dimensions and Weights Faceplate LxH Depth D	max temperature to +50 °C -20°C to +70°C 5-85% RH, non condensing IP66 (front), IP20 (rear) 147x107 mm (5.78x4.21") 56+8 mm (2.40+0.31")
Storage Temp Operating / Storage Humidity Protection Class Dimensions and Weights Faceplate LxH Depth D Weight	max temperature to +50 °C -20°C to +70°C 5-85% RH, non condensing IP66 (front), IP20 (rear) 147x107 mm (5.78x4.21")
Storage Temp Operating / Storage Humidity Protection Class Dimensions and Weights Faceplate LxH Depth D	max temperature to +50 °C -20°C to +70°C 5-85% RH, non condensing IP66 (front), IP20 (rear) 147x107 mm (5.78x4.21") 56+8 mm (2.40+0.31")



eX707 - Technical Data







System Resources	
Display - Colors	7" TFT 16:9 LED - 16M
Resolution	800x480, WVGA
Brightness	500 Cd/m2 typ.
Dimming	to 0%
Touchscreen	True Glass Projected Capacitive, Multitouch
CPU	ARM Cortex-A9 dual core 800 MHz
Operating System	Linux RT
Flash	4 GB
RAM	1 GB
Real Time Clock, RTC Back-up, Buzzer	Yes
Interface	103
Ethernet port	3 (port 0 - 10/100/1000, port 1 - 10/100, port 2 - 10/100)
USB port	2 (Host V2.0, max. 500 mA)
'	1 (RS-232, RS-485, RS-422, software configurable)
Serial port	Max 3 serial ports using plug-in modules.
SD card	Yes
Expansion	2 slot for plug in modules
Ratings	
Power supply	24 Vdc (10 to 32 Vdc)
Current Consumption	0.7 A at 24 Vdc (max.)
Input Protection	Electronic
Battery	Rechargeable Lithium battery, not user-replaceable
Environment Conditions	
	-20° to +60 °C (vertical installation)
Operating Temp	Plug-in modules and USB devices may limit
	max temperature to +50 °C
Storage Temp	-20°C to +70°C
Operating / Storage Humidity	5-85% RH, non condensing
Protection Class	IP66 (front), IP20 (rear)
Dimensions and Weights	iroo (iioii,), irzo (ieai)
Faceplate LxH	187x147 mm (7.36x5.79")
Depth D	47+8 mm (1.85+0.31")
Weight	1.3 Kg
Approvals	1.0 1/8
	Emission EN 61000-6-4, Immunity EN 61000-6-2
CE	for installation in industrial environments



eX710 - Technical Data







System Resources Display - Colors Pesolution Pesolution Prightness Projected Capacitive, Multitouch Properating System Flash F		
Resolution Brightness Brojected Capacitive, Multitouch Brightness Brojected Capacitive, Multitouch Brightness Brojected Capacitive, Multitouch Brightness Brightness Brojected Capacitive, Multitouch Brightness Brightness Brightness Brojected Capacitive, Multitouch Brightness Brightness Brojected Capacitive, Multitouch Brightness Brojected Capacitive, Multitouch Brightness	System Resources	40.4% TET 47.0 LED 47.14
Brightness Dimming Dimming Touchscreen True Glass Projected Capacitive, Multitouch CPU ARM Cortex-A9 dual core 800 MHz Linux RT Flash A 4 GB RAM Real Time Clock, RTC Back-up, Buzzer Interface Ethernet port USB port Serial port Serial port SD card Expansion Ratings Power supply Current Consumption Input Protection Battery Environment Conditions Operating Temp Operating Temp Operating Temp Power Supply Card Storage Temp Operating Temp Protection Class Dimensions and Weights Faceplate LxH Depth D Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2 Emission EN 61000-6-4, Immunity EN 61000-6-2		
Dimming Touchscreen True Glass Projected Capacitive, Multitouch CPU ARM Cortex-A9 dual core 800 MHz Linux RT Flash A GB RAM Real Time Clock, RTC Back-up, Buzzer Interface Ethernet port USB port Serial port Sol card Expansion Ratings Power supply Current Consumption Input Protection Battery Environment Conditions -20° to +60° C (vertical installation) Operating 7 Storage Humidity Protection Class Dimensions and Weights Faceplate LtH Depth D Approvals Final Sar Ratings True Glass Projected Capacitive, Multitouch ARM Cortex-A9 dual core 800 MHz Linux RT AGB ARM 1 GB ARM 1 GB ARM 1 GB ARM 1 GB ARM 2 1 GB ARM 1 G		
Touchscreen CPU ARM Cortex-A9 dual core 800 MHz Operating System Flash RAM A GB RAM A 1 GB Real Time Clock, RTC Back-up, Buzzer Interface Ethernet port USB port Serial port Social port S		
CPU Operating System Flash RAM RAM Cortéx-A9 dual core 800 MHz Linux RT Flash RAM RAM Real Time Clock, RTC Back-up, Buzzer Interface Ethernet port Serial port Social port poly poly-in modules Social port poly poly-in modules Social port poly-in modules Social		
Operating System Flash Flash RAM Real Time Clock, RTC Back-up, Buzzer Interface Ethernet port USB port Serial port Solution Solut		
Flash RAM RAM RAM 1 GB Real Time Clock, RTC Back-up, Buzzer Interface Ethernet port USB port 2 (Host V2.0, max. 500 mA) Serial port 1 (RS-232, RS-485, RS-422, software configurable) Max 3 serial ports using plug-in modules. SD card Expansion Ratings Power supply 2 4 Vdc (10 to 32 Vdc) Current Consumption Input Protection Battery Rechargeable Lithium battery, not user-replaceable Environment Conditions -20° to +60 °C (vertical installation) Operating Temp Plug-in modules and USB devices may limit max temperature to +50 °C Storage Temp -20°C to +70°C Operating / Storage Humidity Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH 282x197 mm (11.10x7.80") Depth D Weight Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2		
RAM Real Time Clock, RTC Back-up, Buzzer Interface Ethernet port USB port Serial port Solution Solutio		
Real Time Clock, RTC Back-up, Buzzer Interface Ethernet port USB port Serial port susing plug-in modules. SD card Yes Expansion Serial ports using plug-in modules. SD card Serial ports using plug-in modules. SE Expansion Serial ports using plug-in modules. SE Serial ports using plug-		
Interface Ethernet port 3 (port 0 - 10/100/1000, port 1 - 10/100, port 2 - 10/100) USB port 2 (Host V2.0, max. 500 mA) Serial port 1 (RS-232, RS-485, RS-422, software configurable) Max 3 serial ports using plug-in modules. SD card Yes Expansion 2 slot for plug in modules Ratings Power supply 24 Vdc (10 to 32 Vdc) Current Consumption 1.0 A at 24 Vdc (max.) Input Protection Electronic Battery Rechargeable Lithium battery, not user-replaceable Environment Conditions -20° to +60°C (vertical installation) Operating Temp Plug-in modules and USB devices may limit max temperature to +50°C Storage Temp -20°C to +70°C Operating / Storage Humidity 5-85% RH, non condensing Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH 282x197 mm (11.10x7.80") Depth D 56+8 mm (2.20+0.33") Weight 1.7 Kg Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2		
Ethernet port 3 (port 0 - 10/100/1000, port 1 - 10/100, port 2 - 10/100) USB port 2 (Host V2.0, max. 500 mA) Serial port 1 (RS-232, RS-485, RS-422, software configurable) Max 3 serial ports using plug-in modules. SD card Yes Expansion 2 slot for plug in modules Ratings Power supply 24 Vdc (10 to 32 Vdc) Current Consumption 1.0 A at 24 Vdc (max.) Input Protection Electronic Battery Rechargeable Lithium battery, not user-replaceable Environment Conditions -20° to +60 °C (vertical installation) Operating Temp Plug-in modules and USB devices may limit max temperature to +50 °C Storage Temp -20° C to +70° C Operating / Storage Humidity 5-85% RH, non condensing Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH 282x197 mm (11.10x7.80") Depth D 56+8 mm (2.20+0.33") Weight 1.7 Kg Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2		Yes
USB port Serial port Serial port 1 (RS-232, RS-485, RS-422, software configurable) Max 3 serial ports using plug-in modules. SD card Expansion 2 slot for plug in modules Ratings Power supply 24 Vdc (10 to 32 Vdc) Current Consumption Input Protection Battery Rechargeable Lithium battery, not user-replaceable Environment Conditions -20° to +60 °C (vertical installation) Operating Temp Plug-in modules and USB devices may limit max temperature to +50 °C Storage Temp Operating / Storage Humidity Protection Class Dimensions and Weights Faceplate LxH Depth D Serial ports 2 (Host V2.0, max. 500 mA) 1 (RS-232, RS-485, RS-422, software configurable) Max 3 serial ports using plug-in modules. 2 slot for plug in modules Plug-in modules -20° to +60 °C (vertical installation) Plug-in modules and USB devices may limit max temperature to +50 °C Storage Temp -20° to +70° C Operating / Storage Humidity 5-85% RH, non condensing Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH 282x197 mm (11.10x7.80") Depth D 56+8 mm (2.20+0.33") Weight Approvals CF Emission EN 61000-6-4, Immunity EN 61000-6-2		
Serial port Serial port Serial port Max 3 serial ports using plug-in modules. SD card Expansion 2 slot for plug in modules Ratings Power supply Current Consumption Input Protection Battery Rechargeable Lithium battery, not user-replaceable Environment Conditions -20° to +60 °C (vertical installation) Operating Temp Plug-in modules and USB devices may limit max temperature to +50 °C Storage Temp Operating / Storage Humidity Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH Depth D Serial port 1 (RS-232, RS-485, RS-422, software configurable) Max 3 serial ports using plug-in modules. Yes Emission EN 61000-6-4, Immunity EN 61000-6-2		
Max 3 serial ports using plug-in modules. SD card Expansion 2 slot for plug in modules Ratings Power supply 24 Vdc (10 to 32 Vdc) Current Consumption 1.0 A at 24 Vdc (max.) Input Protection Battery Rechargeable Lithium battery, not user-replaceable Environment Conditions -20° to +60 °C (vertical installation) Operating Temp Plug-in modules and USB devices may limit max temperature to +50 °C Storage Temp -20°C to +70°C Operating / Storage Humidity 5-85% RH, non condensing Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH 282x197 mm (11.10x7.80") Depth D 56+8 mm (2.20+0.33") Weight Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2	USB port	
SD card Expansion Ratings Power supply Current Consumption Input Protection Battery Environment Conditions -20° to +60 °C (vertical installation) Operating Temp Plug-in modules and USB devices may limit max temperature to +50 °C Storage Temp Operating / Storage Humidity Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH Depth D Weight Approvals Expansion 2 slot for plug in modules 2 slot for plug in modules Rechargeable Lithium battery, not user-replaceable Electronic Rechargeable Lithium battery, not user-replaceable Flug-in modules and USB devices may limit max temperature to +50 °C Storage Temp -20°C to +70°C Operating / Storage Humidity 5-85% RH, non condensing Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH S82x197 mm (11.10x7.80") Depth D S6+8 mm (2.20+0.33") Weight Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2	Serial port	
Expansion 2 slot for plug in modules Ratings Power supply 24 Vdc (10 to 32 Vdc) Current Consumption 1.0 A at 24 Vdc (max.) Input Protection Electronic Battery Rechargeable Lithium battery, not user-replaceable Environment Conditions -20° to +60 °C (vertical installation) Operating Temp Plug-in modules and USB devices may limit max temperature to +50 °C Storage Temp -20°C to +70°C Operating / Storage Humidity 5-85% RH, non condensing Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH 282x197 mm (11.10x7.80") Depth D 56+8 mm (2.20+0.33") Weight 1.7 Kg Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2		
Ratings Power supply Current Consumption Input Protection Battery Environment Conditions -20° to +60 °C (vertical installation) Operating Temp Plug-in modules and USB devices may limit max temperature to +50 °C Storage Temp -20° to +70°C Operating / Storage Humidity Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH 282x197 mm (11.10x7.80") Depth D 56+8 mm (2.20+0.33") Weight Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2		
Power supply Current Consumption Input Protection Battery Rechargeable Lithium battery, not user-replaceable Environment Conditions -20° to +60 °C (vertical installation) Operating Temp Plug-in modules and USB devices may limit max temperature to +50 °C Storage Temp -20°C to +70°C Operating / Storage Humidity Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH 282x197 mm (11.10x7.80") Depth D S6+8 mm (2.20+0.33") Weight Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2		2 slot for plug in modules
Current Consumption Input Protection Battery Rechargeable Lithium battery, not user-replaceable Environment Conditions -20° to +60 °C (vertical installation) Operating Temp Plug-in modules and USB devices may limit max temperature to +50 °C Storage Temp -20°C to +70°C Operating / Storage Humidity Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH 282x197 mm (11.10x7.80") Depth D 56+8 mm (2.20+0.33") Weight Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2		041/1 (401 001/1)
Input Protection Battery Rechargeable Lithium battery, not user-replaceable Environment Conditions -20° to +60 °C (vertical installation) Operating Temp Plug-in modules and USB devices may limit max temperature to +50 °C Storage Temp -20°C to +70°C Operating / Storage Humidity 5-85% RH, non condensing Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH 282x197 mm (11.10x7.80") Depth D 56+8 mm (2.20+0.33") Weight 1.7 Kg Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2		
Battery Rechargeable Lithium battery, not user-replaceable -20° to +60 °C (vertical installation) Operating Temp Plug-in modules and USB devices may limit max temperature to +50 °C Storage Temp -20°C to +70°C Operating / Storage Humidity 5-85% RH, non condensing Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH 282x197 mm (11.10x7.80") Depth D 56+8 mm (2.20+0.33") Weight 1.7 Kg Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2		,
Environment Conditions -20° to +60 °C (vertical installation) Operating Temp Plug-in modules and USB devices may limit max temperature to +50 °C Storage Temp -20°C to +70°C Operating / Storage Humidity 5-85% RH, non condensing Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH 282x197 mm (11.10x7.80") Depth D 56+8 mm (2.20+0.33") Weight 1.7 Kg Approvals CF Emission EN 61000-6-4, Immunity EN 61000-6-2		
-20° to +60 °C (vertical installation) Operating Temp Plug-in modules and USB devices may limit max temperature to +50 °C Storage Temp -20°C to +70°C Operating / Storage Humidity 5-85% RH, non condensing Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH 282x197 mm (11.10x7.80") Depth D 56+8 mm (2.20+0.33") Weight Approvals CF Emission EN 61000-6-4, Immunity EN 61000-6-2		Rechargeable Lithium battery, not user-replaceable
Operating Temp Plug-in modules and USB devices may limit max temperature to +50 °C Storage Temp -20°C to +70°C Operating / Storage Humidity 5-85% RH, non condensing Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH 282x197 mm (11.10x7.80") Depth D 56+8 mm (2.20+0.33") Weight 1.7 Kg Approvals CF Emission EN 61000-6-4, Immunity EN 61000-6-2	Environment Conditions	
max temperature to +50 °C Storage Temp -20°C to +70°C Operating / Storage Humidity 5-85% RH, non condensing Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH 282x197 mm (11.10x7.80") Depth D 56+8 mm (2.20+0.33") Weight 1,7 Kg Approvals CF Emission EN 61000-6-4, Immunity EN 61000-6-2		
Storage Temp -20°C to +70°C Operating / Storage Humidity 5-85% RH, non condensing Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH 282x197 mm (11.10x7.80") Depth D 56+8 mm (2.20+0.33") Weight 1.7 Kg Approvals CF Emission EN 61000-6-4, Immunity EN 61000-6-2	Operating Temp	Plug-in modules and USB devices may limit
Operating / Storage Humidity Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH Depth D Solution So		max temperature to +50 °C
Operating / Storage Humidity Protection Class IP66 (front), IP20 (rear) Dimensions and Weights Faceplate LxH Depth D Solution So	Storage Temp	-20°C to +70°C
Protection Class IP66 (front), IP20 (rear) Dimensions and Weights 282x197 mm (11.10x7.80") Faceplate LxH 282x197 mm (2.20+0.33") Depth D 56+8 mm (2.20+0.33") Weight 1.7 Kg Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2		
Dimensions and Weights Faceplate LxH 282x197 mm (11.10x7.80") Depth D 56+8 mm (2.20+0.33") Weight 1.7 Kg Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2		
Faceplate LxH 282x197 mm (11.10x7.80") Depth D 56+8 mm (2.20+0.33") Weight 1.7 Kg Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2		,
Depth D 56+8 mm (2.20+0.33") Weight 1.7 Kg Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2		282x197 mm (11.10x7.80")
Weight 1.7 Kg Approvals CF Emission EN 61000-6-4, Immunity EN 61000-6-2		
Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2		
CE Emission EN 61000-6-4, Immunity EN 61000-6-2		
for installation in industrial environments		Emission EN 61000-6-4, Immunity EN 61000-6-2
	CE	for installation in industrial environments



EXOR





eX715 - Technical Data

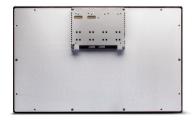
System Resources	
Display - Colors	15.6" TFT LED - 16M
Resolution	1366x768, HD
Brightness	300 Cd/m2 typ.
Dimming	to 0%
Touchscreen	True Glass Projected Capacitive, Multitouch
CPU	ARM Cortex-A9 quad core 800 MHz
Operating System	Linux RT
Flash	8 GB
RAM	2 GB
Real Time Clock, RTC Back-up, Buzzer	Yes
Interface	
Ethernet port	3 (port 0 - 10/100/1000, port 1 - 10/100, port 2 - 10/100)
USB port	2 (Host V2.0, max. 500 mA)
Serial port	1 (RS-232, RS-485, RS-422, software configurable)
'	Max 3 serial ports using plug-in modules.
SD card	Yes
Expansion	2 slot for plug in modules
Ratings	04)/1 /40 + 00)/1)
Power supply	24 Vdc (10 to 32 Vdc)
Current Consumption	1.2 A at 24 Vdc (max.) Flectronic
Input Protection	
Battery Environment Conditions	Rechargeable Lithium battery, not user-replaceable
Environment Conditions	0001 (0.00 / 1 1
	-20° to +60 °C (vertical installation)
Operating Temp	Plug-in modules and USB devices may limit
	max temperature to +50 °C
Storage Temp	-20°C to +70°C
Operating / Storage Humidity	5-85% RH, non condensing
Protection Class	IP66 (front), IP20 (rear)
Dimensions and Weights	
Faceplate LxH	422x267 mm (16.6x10.5")
Depth D	56+8 mm (2.20+0.33")
Weight	4.1 Kg
Approvals	5 1 1 5 1 (1000 / 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
CF	Emission EN 61000-6-4, Immunity EN 61000-6-2
OL.	for installation in industrial environments



eX721 - Technical Data







System Resources	
Display - Colors	21,5" TFT LED - 16M
Resolution	1920x1080. full HD
Brightness	300 Cd/m2 typ. to 0%
Dimming	
Touchscreen	True Glass Projected Capacitive, Multitouch
CPU	ARM Cortex-A9 quad core 800 MHz
Operating System	Linux RT
Flash	8 GB
RAM	2 GB
Real Time Clock, RTC Back-up, Buzzer	Yes
Interface	
Ethernet port	3 (port 0 - 10/100/1000, port 1 - 10/100, port 2 - 10/100)
USB port	2 (Host V2.0, max. 500 mA)
Serial port	1 (RS-232, RS-485, RS-422, software configurable)
'	Max 3 serial ports using plug-in modules.
SD card	Yes
Expansion	2 slot for plug in modules
Ratings	
Power supply	24 Vdc (10 to 32 Vdc)
Current Consumption	1.7 A at 24 Vdc (max.)
Input Protection	Electronic
Battery	Rechargeable Lithium battery, not user-replaceable
Environment Conditions	
	-20° to +60 °C (vertical installation)
Operating Temp	Plug-in modules and USB devices may limit
- F 0	max temperature to +50 °C
Charaga Taman	-20°C to +70°C
Storage Temp	
Operating / Storage Humidity Protection Class	5-85% RH, non condensing
	IP66 (front), IP20 (rear)
Dimensions and Weights	552x347 mm (21,7x13,66")
Faceplate LxH	552x347 mm (21,7x13,66) 56+8.5 mm
Depth D	====::::::
Weight	6.1 Kg
Approvals	Emission EN 61000-6-4, Immunity EN 61000-6-2
CE	
	for installation in industrial environments



Accessories







PLCM01 PLCM02 PLCM03 PLCM04 PLCM06 PLCM07	Plug-in module CAN Plug-in module for KNX/EIB (TP interface) Plug-in module RS-232 Plug-in module RS-422/485 with optical insulation Plug-in module Profibus DP slave 12 MB Secure Cloud Connector
CODESYS V3 SoftPLC	CODESYS V3 activation license
PLIO03	I/O Module with 20 DI 24VDC, 12 DO 24VDC 0,5 A, 8 AI (4 diff or 8 single or 4 PT100 or 4 TC), 4 AO, 1 PT100 Cold Junct
PLIO04	I/O Module with 10 DI 24VDC, 10 DO SSR 1.4 A, 4 Programmable Al voltage/PT100/TC, 4 Al voltage, 1 PT100
PLIO06	Compact I/O module. 8 DI, 6 DO, 1 Relay Output
PLIO07	Compact I/O module. 2 Relay Outputs



U.S.A. Exor America Tel.: +1 513 874 0900 Fax: +1 513 874 2707 info.us@exorint.com

GERMANY Exor Deutschland GmbH Tel.: +49 202 27911 0 Fax: +49 202 27911 44 info.de@exorint.com

Exor International S.p.A. Tel.: +39 045 8750404 Fax: +39 045 8779023 info.it@exorint.com SWITZERLAND Exor Schweiz GmbH Tel.: +41 55 6195807 Fax: +41 55 6195806 info.ch@exorint.com INDIA Exor India Private Ltd. Tel.: +91 022 27810422 Fax: +91 022 27810424 info.in@exorint.com

EXOR

exorint.com

IIoT industry 4.0 ready

