



iX TxC series

Demanding applications

The **iX TxC series** takes HMI to the industrial PC level, delivering high performance for larger demanding applications and a wide range of connectivity options. The iX TxC series offers CE, UL508 and DNV certifications. Display sizes 12, 15 and 21 inches. The 21-inch model supports full HD.

Smarter iX HMI software

The iX HMI software is another reason to love our hardware. It empowers you with unique tools to communicate by combining top-class vector graphics and smarter functions, providing intuitive operation on the spot. Not to mention the almost limitless connectivity to your other equipment through the extensive list of drivers.



- iX T21C: 21.5" TFT-LCD touch screen, 1920 × 1080 (16:9)
- iX T15C: 15.4" TFT-LCD touch screen, 1280 × 800 (16:10)
- iX T12C: 12.1" TFT-LCD touch screen, 1280 × 800 (16:10)
- Main memory 2 GB - 4 GB DDR3 (with ECC support)
- Application memory 64 GB 2.5" SSD
- Operating temperature 0° to +50° C
- CE, UL 508 and DNV certifications

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	iXT21C-C18	iXT21C-C15
General Description		
Article number	100-0051	100-0048
Part status	Active	Active
HMI development software	iX Developer	iX Developer
System Info		
RAM	4 GB	2 GB
CPU	Intel® Core® i7-2715E (4 × 2.1 GHz)	Intel® CELERON® B810E (2 × 1.6G Hz)
Application storage	SSD 2.5": 64 GB	SSD 2.5": 64 GB
Display		
Type	TFT-LCD	TFT-LCD
Size	21" 1920 × 1080 pixels	21" 1920 × 1080 pixels
Backlight	LED backlight	LED backlight
Backlight lifetime	50,000 h	50,000 h
Brightness	250 cd/m ²	250 cd/m ²
Interaction		
External control	USB	USB
Front LED	Multi-color software programmable	Multi-color software programmable
Touch screen type	Resistive touch	Resistive touch
Power		
Power consumption at rated voltage	125 W	125 W
Voltage	+24 V DC (18-32 V DC)	+24 V DC (18-32 V DC)
Fuse	Internal DC fuse, 10A slow	Internal DC fuse, 10A slow
Mechanical		
Size	556 × 347 × 87 mm	556 × 347 × 87 mm
Weight	8.1 kg	8.1 kg
Housing material	Powder-coated aluminum	Powder-coated aluminum
Serial Communication		
Com 1	RS232 (RTS/CTS)	RS232 (RTS/CTS)
Com 2	RS485	RS485
Com 3	RS232	RS232
Com 4	RS485	RS485
Ethernet		
Ethernet 1	1 × 10/100/1000 Mbit/s (shielded RJ45)	1 × 10/100/1000 Mbit/s (shielded RJ45)
Ethernet 2	1 × 10/100/1000 Mbit/s (shielded RJ45)	1 × 10/100/1000 Mbit/s (shielded RJ45)
Expansion		
USB	4 × USB Host 2.0, max output current 500 mA	4 × USB Host 2.0, max output current 500 mA
Memory expansion	N/A	N/A
iX Field buss expansion	1 × Extension module slot for fieldbus (optional)	1 × Extension module slot for fieldbus (optional)
Certifications		
UL	UL508	UL508
DNV	A-13686	A-13686
CE	Noise tested according to EN61000-6-4 emission and EN61000-6-2 immunity.	Noise tested according to EN61000-6-4 emission and EN61000-6-2 immunity.
Environmental		
Sealing - back panel	IP20	IP20
Humidity	5% - 85% non-condensed	5% - 85% non-condensed
Operating temperature	0° to +50° C	0° to +50° C
Storage temperature	-20° to +70° C	-20° to +70° C
Sealing - front panel	IP65	IP65

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	iX T15C-C12	iX T15C-C9
General Description		
Article number	100-0045	100-0042
Part status	Active	Active
HMI development software	iX Developer	iX Developer
System Info		
RAM	4 GB	2 GB
CPU	Intel® Core® i7-2715E (4 × 2.1 GHz)	Intel® CELERON® B810E (2 × 1.6 GHz)
Application storage	SSD 2.5": 64GB	SSD 2.5": 64GB
Display		
Type	TFT-LCD	TFT-LCD
Size	15" 1280 × 800 pixels	15" 1280 × 800 pixels
Backlight	LED backlight	LED backlight
Backlight lifetime	50,000 h	50,000 h
Brightness	450 cd/m ²	450 cd/m ²
Interaction		
External control	USB	USB
Front LED	Multi-color software programmable	Multi-color software programmable
Touch screen type	Resistive touch	Resistive touch
Power		
Power consumption at rated voltage	120 W	114 W
Voltage	+24 V DC (18-32 V DC)	+24 V DC (18-32 V DC)
Fuse	Internal DC fuse, 10 A slow	Internal DC fuse, 10 A slow
Mechanical		
Size	410 × 286 × 83 mm	410 × 286 × 83 mm
Weight	5.4 kg	5.4 kg
Housing material	Powder-coated aluminum	Powder-coated aluminum
Serial Communication		
Com 1	RS232 (RTS/CTS)	RS232 (RTS/CTS)
Com 2	RS485	RS485
Com 3	RS232	RS232
Com 4	RS485	RS485
Ethernet		
Ethernet 1	1 × 10/100/1000 Mbit/s (shielded RJ45)	1 × 10/100/1000 Mbit/s (shielded RJ45)
Ethernet 2	1 × 10/100/1000 Mbit/s (shielded RJ45)	1 × 10/100/1000 Mbit/s (shielded RJ45)
Expansion		
USB	4 × USB Host 2.0, max. output current 500 mA	4 × USB Host 2.0, max. output current 500 mA
Memory expansion	N/A	N/A
iX Field buss expansion	1 × Extension module slot for fieldbus (optional)	1 × Extension module slot for fieldbus (optional)
Certifications		
UL	UL508	UL508
DNV	A-13686	A-13686
CE	Noise tested according to EN61000-6-4 emission and EN61000-6-2 immunity	Noise tested according to EN61000-6-4 emission and EN61000-6-2 immunity
Environmental		
Sealing - back panel	IP20	IP20
Humidity	5% - 85% non-condensed	5% - 85% non-condensed
Operating temperature	0° to +50° C	0° to +50° C
Storage temperature	-20° to +70° C	-20° to +70° C
Sealing - front panel	IP65	IP65

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	iX T12C-C6	iX T12C-C3
General Description		
Article number	100-0039	100-0036
Part status	Active	Active
HMI development software	iX Developer	iX Developer
System Info		
RAM	4 GB	2 GB
CPU	Intel® Core® i7-2715E (4 × 2.1 GHz)	Intel® CELERON® B810E (2 × 1.6 GHz)
Application storage	SSD 2.5": 64 GB	SSD 2.5": 64 GB
Display		
Type	TFT-LCD	TFT-LCD
Size	12" 1280 × 800 pixels	12" 1280 × 800 pixels
Backlight	LED backlight	LED backlight
Backlight lifetime	50,000 h	50,000 h
Brightness	400 cd/m ²	400 cd/m ²
Interaction		
External control	USB	USB
Front LED	Multi-color software programmable	Multi-color software programmable
Touch screen type	Resistive touch	Resistive touch
Power		
Power consumption at rated voltage	120 W	114 W
Voltage	+24 V DC (18–32 V DC)	+24 V DC (18–32 V DC)
Fuse	Internal DC fuse, 10 A slow	Internal DC fuse, 10 A slow
Mechanical		
Size	340 × 242 × 79 mm	340 × 242 × 79 mm
Weight	4.2 kg	4.2 kg
Housing material	Powder-coated aluminum	Powder-coated aluminum
Serial Communication		
Com 1	RS232 (RTS/CTS)	RS232 (RTS/CTS)
Com 2	RS485	RS485
Com 3	RS232	RS232
Com 4	RS485	RS485
Ethernet		
Ethernet 1	1 × 10/100/1000 Mbit/s (shielded RJ45)	1 × 10/100/1000 Mbit/s (shielded RJ45)
Ethernet 2	1 × 10/100/1000 Mbit/s (shielded RJ45)	1 × 10/100/1000 Mbit/s (shielded RJ45)
Expansion		
USB	4 × USB Host 2.0, max. output current 500 mA	4 × USB Host 2.0, max. output current 500 mA
Memory expansion	N/A	N/A
iX Field buss expansion	1 × Extension module slot for fieldbus (optional)	1 × Extension module slot for fieldbus (optional)
Certifications		
UL	UL508	UL508
DNV	A-13686	A-13686
CE	Noise tested according to EN61000-6-4 emission and EN61000-6-2 immunity	Noise tested according to EN61000-6-4 emission and EN61000-6-2 immunity
Environmental		
Sealing - back panel	IP20	IP20
Humidity	5% - 85% non-condensed	5% - 85% non-condensed
Operating temperature	0° to +50° C	0° to +50° C
Storage temperature	-20° to +70° C	-20° to +70° C
Sealing - front panel	IP65	IP65

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