KONTRON FusionClient

▼

A NEW DIMENSION OF VISUALIZATION

▶ frameless design – intuitive, multi-touch, single-pane of tempered glass
▶ forever young: flexible and upgradeable modular concept
▶ maintenance-free: no moving parts inside & passive cooling

POSSIBILITIES START HERE ◆ kontron

FusionClient
A NEW DIMENSION OF VISUALIZATION

The innovative and modular FusionClient HMI series combines a frameless multi-touch interface with the performance and flexibility of the Kontron COM Express Computer-on-Module. All FusionClient models feature an easy-clean, anti-glare and scratch-proof IP65 protected front glass. Based on the standard 16:9 wide format, FusionClient is available in four sizes (12.1", 15.6", 18:5" and 21.5"), which can be operated in both landscape and portrait format. Intuitive multi-touch access to real-time actionable data makes the FusionClient the perfect fit for SCADA and Manufacturing Execution Systems (MES) monitoring and other control applications. An integrated LED alarm bar enables tracking and visual representation of machine and process status independently from monitor content and operation mode. Due to a built-in WiFi antenna, the FusionClient can be mounted in any desired environment without having to provide an external antenna connection. An RFID reader, which is installed behind the glass, makes it possible to customize different authorization and security levels; thus providing in-depth access control.

▶ TECHNICAL INFORMATION

DISPLAY SIZE	12.1"	15.6"	18.5"	21.5"
RESOLUTION	1280 x 800	1366 x 768	1366 x 768	1920 x 1080
FORMAT	16:9	16:9	16:9	16:9
BRIGHTNESS (DISPLAY)	400 cd/m²	400 cd/m²	400 cd/m²	300 cd/m²
LED BACKLIGHT	Life time > = 50,000h			
TOUCH SCREEN	Projected capacitive touch (PCAP), multi-touch			
DIMENSIONS (HxWxD)	328 x 266 x 97 mm	414 x 298 x 97 mm	480 x 337 x 97 mm	545 x 373 x 97 mm
MESSAGING	Multi-colour Alarm Bar (optional)			
MOUNTING	Panel mount or VESA			
PROCESSOR	Intel® Atom™ E3815 or E3845 (others on request)			
RAM	Up to 8 GByte			
STANDARD INTERFACES	2x Gbe (Intel I210 based), 2x USB 2.0, 1x USB 3.0, 1x DisplayPort, 1x RS-232			
WIRELESS INTERFACES	RFID, WiFi			
INTERNAL DRIVES	mSATA and 2.5" SATA SSD, eMMC on selected COMe modules			
REMOVABLE DRIVES	SD card			
POWER SUPPLY	24VDC (± 25 %)			
COOLING	Fanless			
EMC	CE: EN 61000-6-2; EN 55022 Class B			
CERTIFICATIONS	CE			
PROTECTION CLASS	IP65 front; IP20 rear			
ALTITUDE	Operating: 10000 ft (3.000 m) / Storage: 15000 ft (4.572 m)			
SHOCK ACC. TO EN 60068-2-27	Operating and Storage: 30 G 11 ms duration (half-sine)			
VIBRATION ACC. TO EN 60068-2-6	Operating and Storage: 10-500 Hz: 2G/3 axis			
OPERATING TEMPERATURE	0 °C to +50 °C			
HUMIDITY	5 % to 90 % non-condensing			
MTBF	> 50,000h (excluding backlight)			
VERIFIED OS	Windows 7; Windows 10; Linux Embedded			
RoHS COMPLIANT	Yes			

▶ CORPORATE OFFICES

EUROPE, MIDDLE EAST & AFRICA

Lise-Meitner-Str. 3-5
86156 Augsburg
Germany
Tel.: + 49 821 4086 0
Fax: + 49 821 4086 111
info@kontron.com

NORTH AMERICA

14118 Stowe Drive
Poway, CA 92064-7147
USA
Tel.: + 1 888 294 4558
Fax: + 1 858 677 0898
info@us.kontron.com

ASIA PACIFIC

1~2F, 10 Building, No. 8 Liangshuihe 2nd Street, Economical & Technological Development Zone, Beijing, 100176, P.R.China
Tel.: +86 10 63751188
Fax: +86 10 83682438
info@kontron.cn

www.kontron.com