

KONTRON FusionClient



A NEW DIMENSION OF VISUALIZATION

- ▶ Intuitive, multi-touch edge to edge frameless front panel
- ▶ Industrial grade - robust, reliable and maintenance-free
- ▶ Various display dimensions: 12.1" / 15.6" / 18.5" / 21.5"
- ▶ Flexible and upgradeable modular concept
- ▶ Easy customization with standard building blocks

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
CONTRAST	1000	500	1000	3000
DISPLAY VIEWING ANGLE H°/V°	176/176	170/160	170/160	178/178
BRIGHTNESS (DISPLAY)	400 cd/m ²	400 cd/m ²	400 cd/m ²	300 cd/m ²
LED BACKLIGHT	Life time >= 50.000h			
TOUCH SCREEN	Projected capacitive touch (PCAP), multi-touch			
DIMENSIONS (HxWxD)	266 x 328 x 97 mm	298 x 414 x 97 mm	337 x 480 x 97 mm	373 x 545 x 97 mm
WEIGHT	5	5,9	8,3	9,5
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	24 VDC (± 25 %)			
COOLING	Fanless			
EMC	CE: EN 61000-6-2; EN 55022 Class B			
CERTIFICATIONS	CE, designed for UL			
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)			
BACKLIGHT LIFETIME	> 50.000h			
VERIFIED OS	Windows 7; Windows 10; Linux Embedded			
RoHS COMPLIANT	Yes			

► CORPORATE OFFICES

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