

» OmniClient «



A new dimension of Visualization & Control

- » Ideal for running real-time control and visualization simultaneously on one system or high-end rugged computing applications
- » Two widescreen (16:9) display sizes (21.5" and 15.6") with seamless glass front design
- » Projected capacitive (PCAP) multi-touch performance and durability
- » Enhanced user experience and easily adaptable to customer-specific requirements
- » High performance Intel® Core™ i7/i5 processors

OmniClient

A completely new dimension of control, visualization and performance

The new Kontron OmniClient series is ideal for running real-time control and visualization simultaneously whereas previously these applications had to be run on two or more dedicated systems. The OmniClient series new industrial design features a wide-screen format with a touch sensitive, durable, seamless glass front that supports multi touch operations for optimal usability. The new OmniClient is ideal for use wherever machine and plant operators require convenient HMI systems to monitor and manage all their production processes. The integrated

2nd generation Intel® Core™ i3/i5/i7 processor technology provides the highest performance to enable critical and highly complex, real-time applications to run on one computer. With a variety of interface options it is easy to adapt the OmniClient to customer-specific requirements. These options includes new features like WiFi, Bluetooth, and RFID which were previously not available on older systems. Additionally, OmniClient is shock and vibration resistant, thermally stable, IP65 front panel and EMC compliant.

Technical Information

Display	15.6" LED	21.5" LED
Resolution	1366 x 768	1920 x 1080
Brightness	300cd/m ²	300cd/m ²
Touch Screen	Projective capacitive	Projective Capacitive
Weight	TBD	11.7 kg
Dimensions (HxWxD)	TBD	13.46" x 21.43" x 4.37"
Colour (Front)	black	
Mounting	Panelmount + VESA opt.	
Processor	Intel® Core™ i5/i7	
RAM	2x 204-pin SODIMM dual-channel DDR3-1333/160 max up to 16 GB	
I/O Standard	4x USB 2.0, 3 LAN 10/100/1000, 3x Audio, 2x Display Port, 1x DVID-I	
I/O Options	2x RS232 / RS422 / RS485 / Can Bus, Field Bus, WiFi, Bluetooth, RFID, SPI	
Internal Drives	2x SATA 2.5 HDD, 1x CFast SSD	
Power Supply	24 VDC or 115-220 VAC	
Cooling	Forced-air convection cooled	
EMC	US:CFR47 FCC PART15; Class A level CE:EN55022; EN55024	
Certifications CE, Protection Class	CE, cULus	
Altitude	IP65 front	
Shock DIN EN 60068-2-27	Operating: 10000 ft (3.048m); Storage: 15000 ft (4.622m)	
Vibration DIN EN 60068-2-6	Operating: 15 g 11 ms duration / Storage: 50G, 11ms duration (half-sinus)	
Temperature / Humidity	Operating: 10-500 Hz: 1G/3 axis / Storage: 10-500 Hz: 2G/3 axis	
MTBF	Operating: 0° C to +50° / 20 to 90% non condensing Storage: -20° C to +60° / 5 to 90% non condensing	
Verified OS	50,000 h LED backlight	
RoHS compliant	Windows® XP Embedded, Windows 7, Windows 8, Windows XP, WES7, Linux Embedded	
	Yes	

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