

# OmniClient

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## A NEW DIMENSION OF VISUALIZATION & CONTROL

- ▶ real-time control and visualization applications simultaneously on one system
- ▶ widescreen (16:9) display sizes (21.5", 18.5" and 15.6")
- ▶ variety of interfaces for customer specific applications

POSSIBILITIES START HERE



**kontron**

# 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 PCAP 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™ i5/i7 processor technology provides the 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 include features like WiFi, SMP camera, RS232/422/485 and RFID. Additionally, the OmniClient is shock and vibration resistant, thermally stable, EMC compliant and offers IP65 protection at the front.

### ► TECHNICAL INFORMATION

DISPLAY	15.6"	18.5"	21.5"
RESOLUTION	1366 x 768	1366 x 768	1920 x 1080
BRIGHTNESS	300cd/m <sup>2</sup>	300cd/m <sup>2</sup>	300cd/m <sup>2</sup>
TOUCH SCREEN	Projective capacitive	Projective Capacitive	Projective Capacitive
WEIGHT	10.5 kg	11.2 kg	11.7 kg
DIMENSIONS (HXWXD)	10.29" x 16.14" x 4.37" (261.4 x 410.0 x 111.0 mm)	12.34" x 18.94" x 4.37" (313.4 x 481.1 x 111.0 mm)	13.46" x 21.43" x 4.37" (341.4 x 544.3 x 111.0 mm)
COLOUR (FRONT)	black		
MOUNTING	Panelmount or VESA		
PROCESSOR	Intel® Core™ i5/i7 2nd generation		
RAM	2x 204-pin SODIMM dual-channel DDR3-1333/1600 max up to 16 GB		
STANDARD INTERFACES	4x USB 2.0, 3x LAN 10/100/1000, 3x Audio, 2x Display Port, 1x DVI-I		
OPTIONS	SMP front camera 2x RS232 / RS422 / RS485, WiFi, RFID		
INTERNAL DRIVES	2x SATA 2.5" HDD/SSD, 1x mSATA SSD		
POWER SUPPLY	24 VDC or 115-220 VAC		
COOLING	Forced air-cooled		
EMC	US:CFR47 FCC PART15; Class A level CE:EN55022; EN55024		
CERTIFICATIONS	CE, cULus		
PROTECTION CLASS	IP65 front		
ALTITUDE	Operating: 10000 ft (3.048m); Storage: 15000 ft (4.622m)		
SHOCK, ACC. TO EN 60068-2-27	Operating: 15 g 11 ms duration / Storage: 50G, 11ms duration (half-sinus)		
VIBRATION, ACC. TO EN 60068-2-6	Operating: 10-500 Hz: 1G/3 axis / Storage: 10-500 Hz: 2G/3 axis		
TEMPERATURE / HUMIDITY	Operating: 0°C to +50°C / 20% to 85% non-condensing Storage: -20° C to +60° / 5 to 95% non-condensing		
MTBF	50,000 h		
VERIFIED OS	Windows® XP Embedded, Windows 7, Windows 8, Windows XP, WES7, WEC7, Linux Embedded		
ROHS COMPLIANT	Yes		

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