

KONTRON FlatClient XXL DSG



A NEW DIMENSION OF VISUALIZATION

- ▶ Display sizes 32" – 75" with or without PCAP touch
- ▶ ECO version (Intel Atom® Quad Core™) and PRO version (Intel® Core™ i5) available
- ▶ Industrial grade: robust, reliable, versatile and maintenance-free
- ▶ Long term availability

POSSIBILITIES START HERE



kontron

FlatClient XXL DSG

A NEW DIMENSION OF VISUALIZATION

The Kontron FlatClient XXL DSG series with its brilliant and large screens up to 75" opens the door to meaningful, clear and comprehensive visualization. The industrial grade design includes an IP54 sealed metal housing and guarantees a reliable 24/7 operation even in challenging environments.

Both front options, PCAP and protection glass, provide a robust, scratch proof and easy to clean front surface. Two available configurations, ECO and PRO line provide different levels of processing performance up to Intel® Core™ i5 processors.

All displays feature Full-HD resolution and, in case of even higher resolution requirements, Ultra-HD (4k) displays are also available. Typical applications are process visualization, plant data collection and manufacturing execution systems.

Furthermore, due to its thoroughly modular design the FlatClient XXL DSG series can be easily customized to meet specific individual application needs.

▶ TECHNICAL INFORMATION

	ECO LINE	PRO LINE
DISPLAY SIZE	32" / 42" / 55" / 65" / 75"	32" / 42" / 55" / 65" / 75"
RESOLUTION	Full-HD or Ultra-HD (4k)*	Full-HD or Ultra-HD (4k)*
LED BACKLIGHT	Life time = > 50.000 h	Life time = > 50.000 h
TOUCH SCREEN	PCAP / Protection glass	PCAP / Protection glass
HOUSING/MOUNTING	Metal housing / VESA or suspended from ceiling	Metal housing / VESA or suspended from ceiling
PROCESSOR	Intel® Celeron® Quad Core™ J1900 Intel® Pentium® Quad Core™ N4200	Intel® Core™ i5-4300U Intel® Core™ i5-6300U Intel® Core™ i5-7300U
RAM	4 GByte SO-DIMM	Intel® Core™ i5-4300U: 4 GByte DDR3 SO-DIMM Intel® Core™ i5-6300U / Intel® Core™ i5-7300U: 4 GByte DDR4 SO-DIMM
STANDARD INTERFACES	Intel® Celeron® Quad Core™ J1900: 2x GbE, 1x HDMI, 1x VGA, 1x USB 3.0, 2x USB 2.0 Intel® Pentium® Quad Core™ N4200: 2x GbE, 1x HDMI, 1x DP, 4x USB 3.0	Intel® Core™ i5-4300U: 3x GbE, 2x Display Port, 4x USB 3.0 Intel® Core™ i5-6300U / Intel® Core™ i5-7300U: 2x GbE, 1x HDMI, 1x Display Port, 4x USB 3.0
POWER	90 ~ 264 VAC, 47 ~ 63 Hz	90 ~ 264 VAC, 47 ~ 63 Hz
EMC	EN55022 class A	EN55022 class A
CERTIFICATIONS	CE	CE
ALTITUDE	Up to 10.000 ft (3.000 m)	Up to 10.000 ft (3.000 m)
OPERATING TEMPERATURE	0 °C to +45 °C	0 °C to +45 °C
PROTECTION CLASS	IP54, optional IP65	IP54, optional IP65
HUMIDITY	10 %-90 % @ 39 °C, non condensing	10 %-90 % @ 39 °C, non condensing
VERIFIED OS	Windows7 incl. Embedded, Windows8.1 incl. Embedded, Windows 10 IoT, Linux	Intel® Core™ i5-7300U: Windows8.1 incl. Embedded, Windows 10 IoT, Linux all other CPUs: Windows7 incl. Embedded, Windows8.1 incl. Embedded, Windows 10 IoT, Linux
RoHS COMPLIANT	yes	yes
COOLING	Fanless passive cooling	Fanless passive cooling
OPTIONS (FURTHER OPTIONS ON REQUEST)	Other Intel® CPUs/Platforms on request 8 GByte RAM Intel® Celeron® Quad Core™ J1900: mSATA SSD 32 GB, 64 GB, 128 GB, 256 GB, 512 GB Intel® Pentium® Quad Core™ N4200: m.2 SSD 32 GB, 64 GB, 128 GB, 256 GB, 512 GB 2x COM (RS232, RS422, RS485) Audio with amplifier (2x 3 W) WiFi	Other Intel® CPUs/Platforms on request 8 GByte RAM Intel® Core™ i5-4300U: mSATA SSD 32 GB, 64 GB, 128 GB, 256 GB, 512 GB Intel® Core™ i5-6300U / Intel® Core™ i5-7300U: m.2 SSD 32 GB, 64 GB, 128 GB, 256 GB, 512 GB 2x COM (RS232, RS422, RS485) Audio with amplifier (2x 3 W) WiFi

*) on request

▶ GLOBAL HEADQUARTERS

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