

» Nano Client «



Rugged Fanless HMI

- » Closed cabinet (stainless steel, IP 66 around)
- » Fanless cooling
- » Ideally designed for use as web client / thin client in rugged environments
- » Low power management w. Intel® Atom™ processor up to 1.6 GHz
- » Compact space saving systems with max. 63 mm depth

Nano Client

Rugged Fanless HMI

Kontron's Nano Clients are robust and cost conscious human machine interfaces. With stainless steel housing and all around protection in IP66 the Nano Client is perfectly suited as web client or thin client in rugged environments. Intel's® Atom™ processor with low TDP (Thermal Design Power) enables a passive and fanless cooling in combination with a closed cabinet.

The Nano Clients are scaleable in processor performance to suit individual requirements and a variety of applications. Whether as thin client, web client, user terminal or as controller a wide variety of requirements can be realized quickly and inexpensively using these rugged, low power HMI systems.

Technical Information

Display	15.0" TFT
Resolution	1024x768
Brightness	350cd/m ²
Touch Screen	Resistive analog
Weight	ca. 6 kg (13.2 lb)
Dimensions (HxWxD)	295 x 380 x 63 mm (11.6 x 15.0 x 2.5")
Housing	Stainless steel
Mounting	VESA 100
Processor	Intel® Atom™ processor up to 1.6 GHz
RAM	1024 MByte
I/O Standard	USB, LAN 10/100/1000, RS232 (RS422/RS485) opt.
Field Buses	CAN bus optional
Internal Drives	Compact Flash
Power Supply	24 VDC
Cooling	Fanless
EMC	US: FCC47 CFR PART15; Class A level CE: EN61000-6-2; EN55022/A (CISPR22)
Certifications	CE, FCC, designed to meet cULus
Protection Class	IP66 all around
Altitude	Operating: 10000 ft (3.048m); Storage: 15000 ft (4.622m)
Shock DIN EN 60068-2-27	Operating: 15 g 11 ms duration / Storage: 50G, 11ms duration (half-sinus)
Vibration DIN EN 60068-2-6	Operating: 10-500 Hz: 1G/3 axis / Storage: 10-500 Hz: 2G/3 axis
Temperature / Humidity	Operating: 0° C to +45° / 20 to 90% non condensing Storage: -20° C to +65° / 5 to 90% non condensing
MTBF	> 40000h (excluding the Backlight Tube)
Verified OS	Windows XP Embedded, CE.net, Linux Embedded
RoHS compliant	yes

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