» Micro Client II «

Thin Industrial HMI

» Cost conscious human machine interface with superior price/
performance ratio

» Ideally designed for use as web client, thin client or terminal
emulations

» Compact space saving systems with max. 56 mm depth

» Fanless cooling concept

» Scaleable display size: 7.0", 10.4", 12.1" and 15.0"

Micro Client II
Thin Industrial HMI

Kontron announces its second generation of the successful Micro Client industrial HMI: the new Kontron Micro Client II. By focusing on the intended use as an industrial thin client including touch functionality for operating and monitoring, the new Kontron Micro Client II provides all the latest features required for thin client oriented HMI applications in a cost-optimized design that includes a modular IP65 protected front panel with touch screen.

The Kontron Micro Client II can be implemented with either SATA, CompactFlash or Ethernet boot functionality. This makes it the perfect fit for all common server-orientated HMI client technologies. Depending on the application needs, the fanless and scalable Kontron Micro Client II is equipped with embedded processors ranging from the AMD LX 800 processor with 500MHz up to the 1.0 GHz Intel® Celeron® processor. Shock and vibration resistance, thermal stability and compliance with the strictest EMC standards are standard features for all Micro Clients.

Technical Information

	70	104	121	150
Display	7.0"TFT	10.4"TFT	12.1"TFT	15.0"TFT
Resolution	800x480	800x600	800x600	1024x768
Brightness	330cd/m²	230cd/m²	400cd/m²	350cd/m²
Touch Screen	Resistive analog	Resistive analog	Resistive analog	Resistive analog
Weight	ca. 2.6 kg	ca. 3.6 kg	ca. 4.9 kg	ca. 6.5 kg
Dimensions (HxWxD)	168x235x49 mm	277x348x50 mm	312x380x55 mm	354x450x56 mm
Colour (Front)	black RAL 911	black (Pantone 433c)		
Mounting	Panelmount + VESA opt.			
Processor	AMD LX 800 500 MHz up to Celeron M 1 GHz			
RAM	up to 1024 MByte			
I/O Standard	2x USB, 2x LAN 10/100, 1x RS232 1x RS232/RS422/RS485 opt.	2x USB rear, 1x USB front, 2x LAN 10/100, 1x RS232, 1x RS232/RS422/RS485 opt.		
Field Buses	CAN bus optional			
Internal Drives	Compact Flash	Compact Flash and / or 2.5" HDD		
Power Supply	11.4 - 28.8 VDC			
Cooling	Fanless			
EMC	US:FCC47 CFR PART15; Class A level CE:EN61000-6-2; EN55022/A (CISPR22)			
Certifications	CE, FCC, cULus			
Protection Class	IP65 front			
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 +50° / 20 to 90% non condensing Storage: -20° C to +60° / 5 to 90% non condensing			
MTBF	> 40000 h (excluding the Backlight Tube)			
Verified OS	Windows® XP Embedded, CE, Linux Embedded			
RoHS compliant	yes			

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