

Datasheet

Micro Client 3 / 3W Kontron

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Micro Client 3/3W



A NEW DIMENSION OF VISUALIZATION

- ▶ designed for control and monitoring
- ▶ wartungsfrei design: fanless cooling, battery-free
- ▶ scalable: 10" - 17"
- ▶ software image compatible

POSSIBILITIES START HERE



Micro Client 3/3W

A NEW DIMENSION OF VISUALIZATION

The new Kontron Micro Client 3/3W series for monitoring and controlling processes in a control room and directly at the machine, offers a complete new dimension of visualization. The new, major features of the new touch panels are multitouch support, wide format for 15.6", industrial grade, resistive 5-wire touch for 10.4" to 17". The new Micro Client 3/3W is destined to be used whenever machine and plant operators feel the need to have convenient HMI systems to improve monitoring and managing all their production

processes. The Kontron Micro Client 3/3W 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 3/3W is equipped with the Intel® Atom™ D2550 dual-core processor. Shock and vibration resistance, thermal stability and compliance with the strictest EMC standards are standard features for all Micro Clients.

▶ TECHNICAL INFORMATION

DISPLAY	10.4" TFT	12.1" TFT	15.0" TFT	15.6" TFT	17.0" TFT
RESOLUTION	800 x 600	1.024 x 768	1024 x 768	1366 x 768	1280 x 1024
FORMAT	4:3	4:3	4:3	16:9	4:3
BRIGHTNESS (DISPLAY)	450cd/m ²	500cd/m ²	400cd/m ²	300cd/m ²	350cd/m ²
TOUCH SCREEN	Resistive, 5-wire	Resistive, 5-wire	Resistive, 5-wire	Projected capacitive touch	Resistive, 5-wire
LED BACKLIGHT	Life time > 50.000h	Life time > 50.000h	Life time > 50.000h	Life time > 50.000h	Life time > 50.000h
WEIGHT	3.5 kg	4.5 kg	6.5 kg	4.5 kg	7.5 kg
DIMENSIONS (HXWXD)	318 x 257 x 69 mm	347 x 286 x 68 mm	429 x 334 x 71 mm	419 x 270 x 69 mm	441 x 379 x 70 mm
MOUNTING	Panelmount or VESA				
PROCESSOR	Intel® Atom™ Cedarview D2550, dual core up to 2x 1.86 GHz				
RAM	Up to 4 GB				
STANDARD INTERFACES	1x USB 2.0 front for resistive touch only, 2x USB 2.0 and 2x USB 3.0 back, 2x LAN 10/100/1000, 1x RS232, 1x RS232/RS422/RS485* opt., 1x DP				
OPTIONS	RFID, WiFi				
FIELD BUSES	CAN bus, Profibus, CANopen and others				
INTERNAL DRIVES	Solid State Disk (MSATA or 2.5" based), opt. 2.5" Hard Disk				
POWER SUPPLY	24VDC (± 20%)				
COOLING	Fanless				
EMC	US:FCC47 CFR PART15 class A CE:EN61000-6-2; EN55022 class B (CISPR22)				
CERTIFICATIONS	CE, cULus				
PROTECTION CLASS	IP65 front				
ALTITUDE	Operating: 10000 ft (3.000m) / Storage: 15000 ft (4.622m)				
SHOCK, ACC. TO EN 60068-2-27	Operating: 15 g 11 ms duration / Storage: 30 g, 11 ms duration (half-sinus)				
VIBRATION, ACC. TO EN 60068-2-6	Operating: 10-500 Hz: 1G/3 axis / Storage: 10-500 Hz: 2G/3 axis				
OPERATING TEMPERATURE	0°C to +50°C for MC3 10,4", 12,1", 15,0" and 17,0" 0°C to +55°C for MC3W 15,6" (*options max. 50°C)				
HUMIDITY	10% to 90% @35°C, non-condensing				
MTBF	> 40.000h (excluding backlight)				
VERIFIED OS	Windows Embedded Standard 7, Win XP embedded, Windows Embedded Compact 7, Linux embedded				
ROHS COMPLIANT	Yes				

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