kontron

» MediClient «



Panel PC for Medical Equipment OEMs

» EN 60601-1 compatible
» Robust, light and easy-to-clean plastic housing
» Fanless cooling concept
» Scalable processor performance up to Celeron M® 1 GHz

MediClient

Panel PC for Medical Equipment OEMs

Kontron's MediClient offers medical OEMs a highly reliable platform with flexible mounting options and the longevity required by the medical industry.
The touch screen of the medical Panel PC offers sharp graphics on a high contrast TFT display. The front panel of the medical Panel PC offers IP65 protection. The extremely tough and light plastic housing (ABS UL94V0) is scratch proof, corrosion resistant and chemical resistant for long life and easy cleaning. VESA arm mounting makes the Kontron MediClient easy-tointegrate for a wide spectrum of cost-sensitive OEM medical applications that require sharp graphics and intuitive user interfaces in a space-saving, robust design.
The Kontron MediClient offers flexible and scalable processor performance up to the Celeron® M with 1 GHz.The dual Ethernet (10/100), dual USB2.0 and serial (RS232 opt. RS422/RS485) interfaces making it the ideal Panel PC for a wide range of medical applications. With its low power consumption and low heat dissipation, the new MediClient is also perfectly suited for mobile, battery driven all-inone Point-of-Care applications, such as mobile nursing stations and bedside terminals in hospitals or health centers.

Technical Information

	MediClient 104	MediClient 150
Display	10.4" TFT	15.0" TFT
Resolution	800x600	1024x768
Brightness	230cd/m²	350cd/m²
Touch Screen	Resistive analog	Resistive analog
Weight	ca. 2.2 kg	ca. 3.3 kg
Dimensions (HxWxD)	226x296x58.5 mm	286x363x62 mm
Colour (Front)	light grey (RAL 7035)	
Mounting	VESA75/100 mounting	
Processor	up to Celeron® M 1 GHz	
RAM	up to 1024 MByte	
I/O Standard	2x USB, 2x LAN 10/100, 1x RS232 (RS422/RS485 optional)	
Field Buses	CAN bus optional	
Internal Drives	Compact Flash + HDD opt.	
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, EN 60601 compatible	
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: 30G, 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 +40° / 20 to 85% non condensing	
	Storage: -20° C to +60° / 5 to 95% non condensing	
MTBF	> 40000h (excluding the Backlight Tube)	
Verified OS	Windows XP Embedded, CE, Linux Embedded	
RoHS compliant	yes	

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