

► HMI Panel PC V Panel

Industrial Control Systems

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The new V Panel line based on ETX technology offers supreme computing performance with processors based on Intel's Pentium® M technology at extreme low power consumption.

powered by
Intel® Pentium® M

The ETX technology permits scalable CPU performances for a wide range of industrial applications. The integrated innovative cooling concept realizes passive and fanless cooling for the highest processor performance up to Pentium® M. The CANopen, DeviceNet or Profibus field buses can optionally be integrated directly on board.



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Features	V Panel				
Model	104	121	150	170	190
Display	10.4"	12.1"	15"	17"	19"
Resolution	800x600	800x600	1024x768	1280x1024	1280x1024
Brightness	350cd/m ²	350cd/m ²	250cd/m ²	250cd/m ²	250cd/m ²
Touch Screen	Resistive analog				
Function Keys	16 keys optional				
Front Bezel	Alu, Stainless steel optional				
Dimensions (Panelmount) H x W x D	295 x 348 x 120 mm	327 x 400 x 125 mm	362 x 452 x 125 mm	390 x 465 x 130 mm	426 x 516 x 136 mm
Processor	up to Pentium® M				
Main Memory	up to 1024 MByte				
I/Os	3x USB (1x front; 2x rear side), 2x PS/2, 1x LPT, 1x LAN 10/100, 1x LAN 100/1000, 4x RS232				
Free Slots	2x PCI, PCMCIA slot optional				
Field Buses	CANopen or DeviceNet or Profibus				
Internal Drives	CompactFlash, HDD optional				
Drives side accessible	HDD				
Power Supply	24 VDC				
Cooling	Fanless cooling concept				
EMC	US: FCC47 CFR PART 15; Class A level CE: EN61000-6-2; EN55022/A (CISPR22)				
Approvals	CE, FCC, cULus				
Protection Class	IP 65 front (NEMA 250 type 12 and 13)				
Altitude	Operating: 10000 ft (3,048 m) / Storage: 15000 ft (4,622 m)				
Shock DIN EN 60068-2-27	Operating: 15G, 11ms 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° to +50°C / 5 to 95% non condensing Storage: -20° to +60°C / 5 to 95% non condensing				
MTBF	> 40000 h*				
Verified OS	Windows XP, Windows XP Embedded, Linux, Linux Embedded				
RoHS compliant	yes				

*) Excluding the Backlight Tube