

DPAC-1000 Series

**Distributed Programmable Automation Controller with Four COM Ports ••
(AMD® Geode LX800 / Ultra LowVoltage Intel® Celeron® M 1.0GHz)**

Support RS-232/RS-422/RS-485

Dual LAN 10/100 Base-T



Specifications

Model Name		DPAC-1100-1N	DPAC-1100-11	DPAC-1200-1N	DPAC-1200-11		
System		CPU		AMD Geode LX800		Ultra Low Voltage Intel® Celeron® M 1.0GHz	
Hardware	Cache		128KB L2 Cache		512KB on-die Advanced Transfer Cache		
	System Memory		512MB DDR SDRAM				
	Battery Backup SRAM		512Kbit, Battery model: CR2032 (Recommendation)				
	BIOS		Award BIOS, support PnP, Customized by ADLINK				
	Programmable Button		Four (Specifc function can be programmed by users)				
	Digital Display		5 Digits, can be programmed by users				
	Internal Storage		Compact Flash, 2GB				
	External Storage		CompactFlash Type I, optional for users				
	VGA		CRT: 1920 x 1440 resolution at 32-bit @85Hz or 1600 x 1200 resolution 32-bit @100Hz LCD: 1280 x 1024 resolution at 24-bit color		CRT: 1600 x 1200@32bpp LCD: 1280 x 1024 resolution at 24-bit color		
	Watchdog Timer		Time-out timing selectable 1-255 seconds				
	Keyboard/ Mouse		Combined PS/2 type min-DIN connectors				
Communication	USB		2 x USB, Rev 1.1 compliant 2 x USB, Rev 2.0 compliant				
	Ethernet		Dual LAN, 10/100 Base-T RJ-45 ports				
	COM Port		COM1 supports RS-232; COM2 supports RS-232/422/485 with DB-9 connectors (RS-485 with auto data flow control) COM3 and COM4 supports RS-232/422/485 with RJ-45 connectors (RS-485 with auto data flow control)				
Environment	Humidity		95% @ 60°C		95% @ 50°C		
	Operating Temperature		0-60°C @ 5-85% RH		0-50°C @ 5-85% RH		
	Vibration Protection (In Operation Test)		IEC 68 2-64 (Random 3 axes, 30min/axis)CompactFlsh: 5Grms@5-500Hz				
	Shock Protection (In Operation Test)		IEC 68 2-27CompactFlsh: 100G@ wall mount, half sine, 11ms				
General	Certification		CE/FCC Class A, UL, CCC				
	Mounting		Wall mounting, vertical placement				
	Power Input		10V _{DC} to 30V _{DC} with 3-pin connector				
	Power Consumption		30W (Typical), Isolation				
	Dimensions		160 mm (H) x 160 mm (D) x 55mm (W) (Vertical Placement)				
	Embedded OS		Windows XP embedded (English version)				
	CoDeSys (SoftPLC) Run Time		No	Yes	No	Yes	