

# DPAC-3000 Series

Distributed Programmable Automation Controller with HSL and Motionnet Bus •  
(AMD® Geode LX800 / Ultra LowVoltage Intel® Celeron® M 1.0GHz )



## Specifications

Model Name		DPAC-3100-1N	DPAC-3100-11	DPAC-3200-1N	DPAC-3200-11
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 (Specific 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		CRT: 1600 x 1200 x 32bppL LCD: 1280 x 1024 solution at 24-bit color	
	Watchdog Timer	Time-out timing selectable 1-255 seconds			
	HSL (StepTechnica)	One port support 12M/6M/3M bps full duplex			
	Motionnet (NPM)	One port support 20M bps (Maximum)			
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			
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) CompactFlash : 5Grms@5-500Hz			
	Shock Protection (In Operation Test)	IEC 68 2-27 CompactFlash : 100G@ wall mount, half sine, 11ms			
General	Certification	CE/FCC Class A, UL, CCC			
	Mounting	Wall mounting, vertical placement			
	Power Input	10V <sub>DC</sub> to 30V <sub>DC</sub> 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

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