

ATC-1000,ATC-1200,ATC-2000,ATC-3000 Compared List

Update: Oct 12th, 2018

ATC-1000		ATC-1200(Recommend)		ATC-2000		ATC-3000	
Serial Interface							
Data Rates	300 bps to 230,400 bps	1200 ~ 921,600bps	1200 bps to 230,400 bps (User Defined)	300 bps to 460.800 bps			
Characters	5,6,7 or 8 data bits	5,6,7 or 8 data bits	5 ,6,7 or 8 data bits	5,6,7 or 8 data bits			
Parity	None, even, odd, Mark, Space	None, even, odd	None, even, odd, Mark, Space	None, even, odd, Mark, Space			
Stop Bits	1 , 1.5 or 2	1 , 1.5 or 2	1 or 2	1 ,1.5 or 2			
Control Signals	CTS, RTS	CTS, RTS	DTR, RTS, CTS, DCD, DSR, RI	None, Software: XOF/XOFF			
Flow Control	None, RTS / CTS	None, XON / XOFF, RTS / CTS	None, XON / XOFF, RTS / CTS	None, XON / XOFF, RTS / CTS			
Connector	DB9-DTE for RS-232 (Male). 6-bit terminal connector for RS-485	DB9-DTE for RS-232 (Male). 6-bit terminal connector for RS-485	DB9-DTE for RS-232 (Male). 6-bit terminal connector for RS-485	DB9-DTE for RS-232 (Male). 6-bit terminal connector for RS-485			
Network Interface							
Interface	Ethernet 10Base-T or 100Base TX(Auto-Sensing)	Ethernet 10Base-T or 100Base TX(Auto-Sensing)	Ethernet 10Base-T or 100Base TX(Auto-Sensing)	Ethernet 10Base-T or 100Base TX(Auto-Sensing)			
Connector	RJ45	RJ45	RJ45	RJ45			
Protocol	TCP,UDP,DHCP Client, HTTP Server, DNS Client	TCP,UDP,DHCP Client, HTTP Server, DNS Client	TCP,UDP,DHCP Client, HTTP Server, DNS Client	TCP,UDP,DHCP Client, HTTP Server, DNS Client,Telnet			
Indicators (LED)							
<ul style="list-style-type: none"> ● 10/100Base-TX Link & activity indicator ● Date Sending / Receiving between Serial and the Ethernet ● Power indicator 	<ul style="list-style-type: none"> ● 10/100Base-TX Link & activity indicator ● Date Sending / Receiving between Serial and the Ethernet ● Power indicator 	<ul style="list-style-type: none"> ● 10/100Base-TX Link & activity indicator ● Date Sending / Receiving between Serial and the Ethernet ● Power indicator 	<ul style="list-style-type: none"> ● 10/100Base-TX Link & activity indicator ● Date Sending / Receiving between Serial and the Ethernet ● Power indicator 				
Management							
Internal web server, and Microsoft Windows®-based utility for configuration	Web Page,Windows Utility	Web Page,Windows Utility	Web Page,Windows Utility	Internal web server, serial, telnet, and Microsoft Windows®-based Utility for configuration			
Security							
Password protection	Password protection	Password protection	Password protection	Password protection			
Internal Web Server							
Storage Capacity	384KB for web pages	512KB for web pages	512KB for web pages	384KB for web pages			
Architecture							
CPU	Based on the 8051CPU, Frequency 25MHz	Embedding RISC CPU 100Mhz (100 MIPS)	16 bit CPU, 100MHz	Embedded high-performance 32-bit network processor, 32-bit RISC (NP7/9 series) frequency of 120Mhz (120 MIPS)			
Memory	64KB OTP ROM, 32K bytes SRAM	32KB SRAM.512KB Flash memory	256KB ROM&SDRAM	32MB RAM, 16MB/32MB Code + 32KB Boot			
Firmware	Upgradeable by manufacturer	Upgradeable by Customer	Upgradeable by Customer	Upgradeable by Customer			
Power							
Input Voltage	9-24 VDC@1A	9-24 VDC@1A	9-24 VDC@1A	9-24 VDC@1A			
Included Software							
MS Window®-based Device Installer software device installer and MS Windows-based Comm Port Redirector	MS Window®-based Device Installer software device installer and MS Windows-based Comm Port Redirector	MS Window®-based Device Installer software device installer and MS Windows-based Comm Port Redirector	MS Window®-based Device Installer software device installer and MS Windows-based Comm Port Redirector	MS Window®-based Device Installer software device installer and MS Windows-based Comm Port Redirector			