



ARC-10W33

10.1" WXGA LCD with P-cap Intel® Celeron® N3350 Rugged Touch Panel PC with IET Expansion

- > 10.1" WXGA LCD with PCAP Multi-Touch
- > Onboard Intel® Celeron® N3350 SoC BGA Processor
- > 1 x 204-pin DDR3L SODIMM Socket, Supports Up to 8GB DDR3L 1600MTs SDRAM
- > Rich I/Os, 2 LAN, 2 COM, 4 USB, SIM Card Slot, Swappable Drive Bay, Speaker out for Flexible Expansion Modules
- > Expansion Slot Supporting 2 Mini PCIe Slot
- > Rugged Design for Vibration & Shock Protection, Cableless Design
- > Fanless Operation from -10 ~ 50°C
- > Wide Range DC Power Input from +9 ~ 36Vdc
- > Service Window, Easy to Install Memory Module
- > Front panel: IP65, Rear: IP41(except I/O)
- > TPM2.0 (optional)

規格

系統	
處理器	Onboard Intel® Celeron® SoC BGA Processor (Apollo Lake Platform N3350 CPU)
記憶體	One 204-pin DDR3L SODIMM Socket, Supports Up to 8GB DDR3L 1600Mhz SDRAM (Non-ECC)
看門狗計時器	H/W Reset, 1sec. ~ 65535sec./1sec.step
硬體狀態監控	Monitoring CPU & System Temperature and Voltage
CPU Cooler (Type)	Fanless Heatsink
擴充	
擴充	1 x mSATA supports on the 1st Mini PCIe slot, Auto switch for mSATA or Mini PCIe 1 x 80-pin IET interface
存儲	
儲存	1 x 2.5" Drive Bay(7mm HDD Restricted)
HDD/SSD	1 x SATA3
其他儲存設備	1 x mSATA supports on the 1st Mini PCIe slot, Auto switch for mSATA or Mini PCIe
面板	
LCD尺寸	10.1" 16:10
顯示類別	WXGA
B/L 逆變器/轉換器	LCD built in
解析度	1280x800
像素間距	0.1695mm(H) x 0.1695mm(V)
亮度	350 cd/m2
對比度	800
視角	85 (U), 85 (D), 85 (L), 85 (R)
反應時間	25 ms
背光	LED
觸控類型	PCAP Multi-Touch support up to 10 points
Touch Light Transmission	88 %
觸控控制器	EETI
I/O	
USB	4 x USB3.0 (2 x Double deck)
COM Port	1 x RS-232/422/485, selectable by BIOS, RS-485 supports Auto Flow, Pin-9 selected by Ring/+5V/+12V) 1 x RS-232
DIO	16-bit GPIO
擴充	1 x mSATA supports on the 1st Mini PCIe slot, Auto switch for mSATA or Mini PCIe 1 x Optional by IET module
其他	3 x Knockouts for Antenna Mounting
系統控制	
LED 指示燈	HDD LED, Power LED
音頻	
晶片組	Realtek ALC892
喇叭輸出	2 x 2W
乙太網路	
LAN Port	2 x Intel I211AT for APL-M
直流輸入/輸出特性	
電源類別	AT/ATX
機構 & 使用環境	
電源需求	DC +9V ~ +36V, wide voltage single power input TVS component for surge protection Reverse current/voltage protection



電源類型	AT/ATX
工作溫度	-10°C ~ 50°C
儲存溫度	-20°C ~ 60°C
工作濕度	0% ~ 90% Relative Humidity, Non-condensing
重量	2.3Kgs
安裝套件	Wall / Stand / VESA 75mm x 75mm, 100mm x 100mm Panel Mount with mounting kits
尺寸 (長 x 寬 x 高)	282.3 x 201 x 45.8mm
防護等級	Front Panel IP65 back cover IP41
震動測試	With SSD/mSATA : 1.5Gms, IEC 60068-2-64, Random, 5 ~ 500Hz, 1hr/axis
衝擊測試	Operating with SSD/CFast/mSATA : MIL-STD-810G, Method 516.6, Procedure I, functional shock=20G
系統風扇	Fanless
機構 - 前部	Die Casting with Cover lens
機構 - 後部	Black Die Casting
相對濕度	0~90% Relative Humidity, Non-condensing
Fanless	Yes
Drop	ISTA 2A, IEC-60068-2-32 Test:Ed
認證	
認證資訊	CE / FCC Class B
支援軟體	
作業系統資訊	Linux, Windows 10
訂購資訊	
訂單資訊	ARC-10W33-335-B1-1R Intel® Celeron® Processor N3350 1.10GHz CPU/2GLAN/2COM/4USB/SPK/12V Adapter/PCAP ACC-ARC-USB-1R 4 x USB 3.0 Kit for ARC Series ACC-ARC-AUDIO-1R HDMI + 5.1 CH Audio Kit for ARC Series ACC-ARC-MPCIE-1R HDMI + MPCIE w/SIM Kit for ARC Series ACC-ARC-COM-1R 2 x Isolated RS-232 Kit for ARC Series ACC-ARC-COM-2R 3 x RS-232 Kit for ARC Series ACC-ARC-COM-3R 2 x RS-232 + USB Kit for ARC Series ACC-ARC-COM-4R 2 x RS-232 + LAN Kit for ARC Series ACC-ARC-GPIO-1R 12-bit GPIO + 2-pin CAN Bus Kit for ARC Series ACC-ARC-OBDI-1R OBDI - CAN Bus Kit for ARC Series (OBDI/EOD for Small Vehicle) ACC-ARC-OBDI-2R OBDI - CAN Bus Kit for ARC Series (J1939J1708 for Large Vehicle) ACC-ARC-OBDI-3R OBDI - CAN Bus Kit for ARC Series (ISO15765-4 for Special Large Vehicle)
電源需求	
電源連接器	Lockable DC Jack (Default) optional for phoenix connector
電源需求	DC +9V ~ +36V, wide voltage single power input TVS component for surge protection Reverse current/voltage protection
ACPI	Single power ATX Support S0, S3, S4, S5 and ACPI 3.0 Compliant
電源模式	AT/ATX
適配器	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter