



ET7846 ENDEAVOUR 8" OSCILLOSCOPE TABLET | 4 CHANNEL



- + Oscilloscope+Multimeter(2CH type)
- + Max 120MHz Bandwidth , 1GS/s sample rate
- + 14-bit high resolution ADC
- + 40M record length; 45,000 wfms/s waveform refresh rate
- + low back ground noise
- + 8 inch 800 x 600 high resolution LCD, multi-touch screen, more user-friendly operation experience
- + SCPI, and LabVIEW supported
- + multi- trigger, and bus decoding function
- + multi-interface integration - USB host, USB device,LAN,WIFI(optional)

+ Performance Specifications (2 channels model)

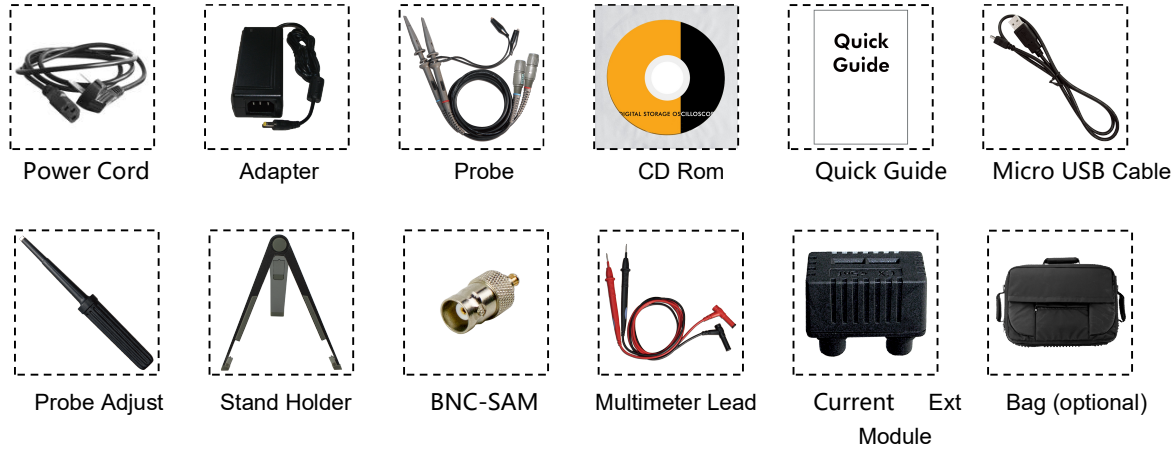
Bandwidth	100MHz
Sample Rate	1GS/s
Vertical Resolution (A/D))	8bits/12bits/14 bits
Record length	40M
Waveform Refresh Rate	45,000 wfms/s
Horizontal Scale (s/div))	1ns/div - 1000s/div, step by 1 - 2 - 5
Channel	2
Display	8" color LCD, 800 x 600 pixels display , multi-touch screen
Input Impedance	1MΩ ± 2%, in parallel with 15pF ± 5pF
Max Input Voltage	1MΩ ≤ 300Vrms;
DC Gain Accuracy	±3%
Probe Attenuation Factor	0.001X - 1000X, step by 1 - 2 - 5
Sample Rate / Relay Time Accuracy	±2.5ppm
Input Coupling	DC, AC, GND
Vertical Sensitivity	1mV/div - 10V/div (at input)
Trigger Type	Edge, Video, Pulse, Slope, Runt, Windows, Timeout, Nth Edge, Logic, I ² C, SPI, RS232, and CAN (optional)
Bus Decoding(optional)	I ² C, SPI, RS232, CAN
Trigger Mode	Auto, Normal, and Single
Automatic Measurement	Vpp, Vavg, Vrms, Freq, Period, Peak RMS, Cursor RMS, Vmax, Vmin, Vtop, Vbase, Vamp, Overshoot, Phase A→B ↑, Phase A→B↓, Preshoot, Rise Time, Fall Time,+Width, -Width, +Duty, -Duty, Duty Cycle, Delay A→B ↑, Delay A→B↓, +Pulse Count, -Pulse Count, Rise Edge Count, Fall Edges Count, Area, Cycle Area
Waveform Math	+, -, ×, ÷, FFT, FFTrms,Intg,Diff,Sqrt, User Defined Function, Digital Filter
Waveform Storage	100 waveforms
Communication Interface	USB host, USB device, USB port for PictBridge,LAN, and WIFI (optional)
Frequency Counter	available
Battery	7.4V, 800mAh, 5 hours operation
Dimension(WxHxD)	270x191x48 (mm)

Device Weight	About 1.7kg
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+ Multimeter Specifications (only apply for 2 channels model)

Display	Voltage	Current	Impedance	Diode	Auto Ranging
4 1/2 digitals	mV: 20.000mV - 200.00mV DCV: 2.0000V - 1000.0V ACV: 2.0000V - 750.0V	ACD: 10.00A ACA: 10.00A	200.00Ω - 100.00MΩ	√	√

+ Accessories The accessories subject to final delivery.



+ Performance Specifications (4 channels mode)

Bandwidth	100MHz
Sample Rate	1GS/s
Vertical Resolution (A/D)	8bits/12bits/14 bits
Record length	40M
Waveform Refresh Rate	45,000 wfms/s
Horizontal Scale (s/div))	1ns/div - 1000s/div, step by 1 - 2 - 5
Channel	4
Display	8" color LCD, 800 x 600 pixels display, multi-touch screen
Input Impedance	1MΩ ± 2%, in parallel with 15pF ± 5pF
Max Input Voltage	1MΩ ≤ 300Vrms;
Probe Attenuation Factor	0.001X - 1000X, step by 1 - 2 - 5
Sample Rate / Relay Time Accuracy	±2.5ppm
Input Coupling	DC, AC, GND
Vertical Sensitivity	1mV/div - 10V/div (at input)
Trigger Type	Edge, Video, Pulse, Slope, Runt, Windows, Timeout, Nth Edge, Logic, I ² C, SPI, RS232, and CAN (optional)
Bus Decoding(optional)	I ² C, SPI, RS232, CAN
Trigger Mode	Auto, Normal, and Single
Automatic Measurement	Vpp, Vavg, Vrms, Freq, Period, Peak RMS, Cursor RMS, Vmax, Vmin, Vtop, Vbase, Vamp,

	Overshoot, Phase A→B ↑, Phase A→B↓, Preshoot, Rise Time, Fall Time, +Width, -Width, +Duty, -Duty, Duty Cycle, Delay A→B ↑, Delay A→B↓, +Pulse Count, -Pulse Count, Rise Edge Count, Fall Edges Count, Area, Cycle Area
Waveform Math	+, -, ×, ÷, FFT, FFTrms, Intg, Diff, Sqrt, User Defined Function, Digital Filter
Waveform Storage	100 waveforms
Communication Interface	USB host, USB device, USB port for PictBridge, LAN, and WIFI (optional)
Frequency Counter	available
Battery	7.4V, 8000mAh, 5 hours operation
Dimension(WxHxD)	270x191x48
Device Weight	About 1.7kg

+ Accessories The accessories subject to final delivery.



Power Cord



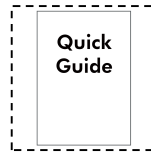
Adapter



Probe



CD Rom



Quick Guide



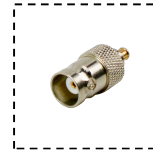
Micro USB Cable



Probe Adjust



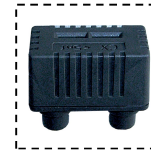
Stand Holder



BNC-SAM



Bag (optional)



Current Ext Module