



7.8" 1872x1404 ePaper Display HAT für Raspberry Pi



Numero Ordine:	RPI-EINK78
Hersteller:	Waveshare
EAN:	614961955059
Herkunftsland:	China
Zolltarifnummer:	84733080
Gewicht:	0.077 kg



Übersicht

E-Ink-Display HAT für Raspberry Pi, 7,8 Zoll, Auflösung 1872×1404, mit integriertem Controller IT8951, Kommunikation über USB/SPI/I80/I2C-Schnittstelle, unterstützt partielle Aktualisierung.

Merkmale

- Keine Hintergrundbeleuchtung, zeigt die letzten Inhalte auch beim Ausschalten lange Zeit an.
- Geringer Stromverbrauch, im Grunde genommen wird die Leistung nur für die Aktualisierung benötigt.
- Standard Raspberry Pi 40PIN GPIO Erweiterungsleiste, unterstützt Raspberry Pi Serien Platinen
- USB/SPI/I80/I2C-Schnittstelle, zur Verbindung mit Hostboards wie Raspberry Pi/Nucleo, etc.
- Ausführliche Entwicklungsressourcen und Handbuch (Beispiele für Raspberry Pi/STM32) im Waveshare-Wiki

Technische Daten

- Betriebsspannung: 5V
- Schnittstelle: USB/SPI/I80/I2C
- Umrissmaß: 173,8mm × 127,6mm × 0,78mm
- Displaygröße: 158.184mm × 118.638mm
- Punktabstand: 0,0845mm × 0,0845mm × 0,0845mm
- Auflösung: 1872 × 1404
- Display-Farbe: schwarz, weiß
- Graustufen: 2-16 (1-4 Bit)
- Volle Aktualisierungszeit: 450ms
- Gesamte Aktualisierungsleistung: 1.2W(typ.)
- Gesamtleistung im Standby-Modus: 0,1W(typ.)
- Betrachtungswinkel: >170°

Lieferumfang

- 7,8" E-Paper



- E-Paper IT8951 Driver HAT (B)
- 7,8" E-Paper Adapter
- 33PIN FFC (gleicher Seitenkontakt)
- USB Typ A Stecker auf Mikro B Stecker Kabel
- PH2.0 20cm 8Pin
- RPi Schrauben Paket (2 Stück)

Dokumentation / Downloads

[Hersteller Website](#)

Weitere Bilder:



Pin	Function
1	Power
2	Ground
3	Power
4	Ground
5	Power
6	Ground
7	Power
8	Ground
9	Power
10	Ground
11	Power
12	Ground
13	Power
14	Ground
15	Power
16	Ground
17	Power
18	Ground
19	Power
20	Ground
21	Power
22	Ground
23	Power
24	Ground
25	Power
26	Ground
27	Power
28	Ground
29	Power
30	Ground
31	Power
32	Ground
33	Power
34	Ground
35	Power
36	Ground
37	Power
38	Ground
39	Power
40	Ground
41	Power
42	Ground
43	Power
44	Ground
45	Power
46	Ground
47	Power
48	Ground
49	Power
50	Ground
51	Power
52	Ground
53	Power
54	Ground
55	Power
56	Ground
57	Power
58	Ground
59	Power
60	Ground
61	Power
62	Ground
63	Power
64	Ground
65	Power
66	Ground
67	Power
68	Ground
69	Power
70	Ground
71	Power
72	Ground
73	Power
74	Ground
75	Power
76	Ground
77	Power
78	Ground
79	Power
80	Ground
81	Power
82	Ground
83	Power
84	Ground
85	Power
86	Ground
87	Power
88	Ground
89	Power
90	Ground
91	Power
92	Ground
93	Power
94	Ground
95	Power
96	Ground
97	Power
98	Ground
99	Power
100	Ground
101	Power
102	Ground
103	Power
104	Ground
105	Power
106	Ground
107	Power
108	Ground
109	Power
110	Ground
111	Power
112	Ground
113	Power
114	Ground
115	Power
116	Ground
117	Power
118	Ground
119	Power
120	Ground
121	Power
122	Ground
123	Power
124	Ground
125	Power
126	Ground
127	Power
128	Ground
129	Power
130	Ground
131	Power
132	Ground
133	Power
134	Ground
135	Power
136	Ground
137	Power
138	Ground
139	Power
140	Ground
141	Power
142	Ground
143	Power
144	Ground
145	Power
146	Ground
147	Power
148	Ground
149	Power
150	Ground
151	Power
152	Ground
153	Power
154	Ground
155	Power
156	Ground
157	Power
158	Ground
159	Power
160	Ground
161	Power
162	Ground
163	Power
164	Ground
165	Power
166	Ground
167	Power
168	Ground
169	Power
170	Ground
171	Power
172	Ground
173	Power
174	Ground
175	Power
176	Ground
177	Power
178	Ground
179	Power
180	Ground
181	Power
182	Ground
183	Power
184	Ground
185	Power
186	Ground
187	Power
188	Ground
189	Power
190	Ground
191	Power
192	Ground
193	Power
194	Ground
195	Power
196	Ground
197	Power
198	Ground
199	Power
200	Ground
201	Power
202	Ground
203	Power
204	Ground
205	Power
206	Ground
207	Power
208	Ground
209	Power
210	Ground
211	Power
212	Ground
213	Power
214	Ground
215	Power
216	Ground
217	Power
218	Ground
219	Power
220	Ground
221	Power
222	Ground
223	Power
224	Ground
225	Power
226	Ground
227	Power
228	Ground
229	Power
230	Ground
231	Power
232	Ground
233	Power
234	Ground
235	Power
236	Ground
237	Power
238	Ground
239	Power
240	Ground
241	Power
242	Ground
243	Power
244	Ground
245	Power
246	Ground
247	Power
248	Ground
249	Power
250	Ground
251	Power
252	Ground
253	Power
254	Ground
255	Power
256	Ground
257	Power
258	Ground
259	Power
260	Ground
261	Power
262	Ground
263	Power
264	Ground
265	Power
266	Ground
267	Power
268	Ground
269	Power
270	Ground
271	Power
272	Ground
273	Power
274	Ground
275	Power
276	Ground
277	Power
278	Ground
279	Power
280	Ground
281	Power
282	Ground
283	Power
284	Ground
285	Power
286	Ground
287	Power
288	Ground
289	Power
290	Ground
291	Power
292	Ground
293	Power
294	Ground
295	Power
296	Ground
297	Power
298	Ground
299	Power
300	Ground
301	Power
302	Ground
303	Power
304	Ground
305	Power
306	Ground
307	Power
308	Ground
309	Power
310	Ground
311	Power
312	Ground
313	Power
314	Ground
315	Power
316	Ground
317	Power
318	Ground
319	Power
320	Ground
321	Power
322	Ground
323	Power
324	Ground
325	Power
326	Ground
327	Power
328	Ground
329	Power
330	Ground
331	Power
332	Ground
333	Power
334	Ground
335	Power
336	Ground
337	Power
338	Ground
339	Power
340	Ground
341	Power
342	Ground
343	Power
344	Ground
345	Power
346	Ground
347	Power
348	Ground
349	Power
350	Ground
351	Power
352	Ground
353	Power
354	Ground
355	Power
356	Ground
357	Power
358	Ground
359	Power
360	Ground
361	Power
362	Ground
363	Power
364	Ground
365	Power
366	Ground
367	Power
368	Ground
369	Power
370	Ground
371	Power
372	Ground
373	Power
374	Ground
375	Power
376	Ground
377	Power
378	Ground
379	Power
380	Ground
381	Power
382	Ground
383	Power
384	Ground
385	Power
386	Ground
387	Power
388	Ground
389	Power
390	Ground
391	Power
392	Ground
393	Power
394	Ground
395	Power
396	Ground
397	Power
398	Ground
399	Power
400	Ground
401	Power
402	Ground
403	Power
404	Ground
405	Power
406	Ground
407	Power
408	Ground
409	Power
410	Ground
411	Power
412	Ground
413	Power
414	Ground
415	Power
416	Ground
417	Power
418	Ground
419	Power
420	Ground
421	Power
422	Ground
423	Power
424	Ground
425	Power
426	Ground
427	Power
428	Ground
429	Power
430	Ground
431	Power
432	Ground
433	Power
434	Ground
435	Power
436	Ground
437	Power
438	Ground
439	Power
440	Ground
441	Power
442	Ground
443	Power
444	Ground
445	Power
446	Ground
447	Power
448	Ground
449	Power
450	Ground
451	Power
452	Ground
453	Power
454	Ground
455	Power
456	Ground
457	Power
458	Ground
459	Power
460	Ground
461	Power
462	Ground
463	Power
464	Ground
465	Power
466	Ground
467	Power
468	Ground
469	Power
470	Ground
471	Power
472	Ground
473	Power
474	Ground
475	Power
476	Ground
477	Power
478	Ground
479	Power
480	Ground
481	Power
482	Ground
483	Power
484	Ground
485	Power
486	Ground
487	Power
488	Ground
489	Power
490	Ground
491	Power
492	Ground
493	Power
494	Ground
495	Power
496	Ground
497	Power
498	Ground
499	Power
500	Ground
501	Power
502	Ground
503	Power
504	Ground
505	Power
506	Ground
507	Power
508	Ground
509	Power
510	Ground
511	Power
512	Ground
513	Power
514	Ground
515	Power
516	Ground
517	Power
518	Ground
519	Power
520	Ground
521	Power
522	Ground
523	Power
524	Ground
525	Power
526	Ground
527	Power
528	Ground
529	Power
530	Ground
531	Power
532	Ground
533	Power
534	Ground
535	Power
536	Ground
537	Power
538	Ground
539	Power
540	Ground
541	Power
542	Ground
543	Power
544	Ground
545	Power
546	Ground
547	Power
548	Ground
549	Power
550	Ground
551	Power
552	Ground
553	Power
554	Ground
555	Power
556	Ground
557	Power
558	Ground
559	Power
560	Ground
561	Power
562	Ground
563	Power
564	Ground
565	Power
566	Ground
567	Power
568	Ground
569	Power
570	Ground
571	Power
572	Ground
573	Power
574	Ground
575	Power
576	Ground
577	Power
578	Ground
579	Power
580	Ground
581	Power
582	Ground
583	Power
584	Ground
585	Power
586	Ground
587	Power
588	Ground
589	Power
590	Ground
591	Power
592	Ground
593	Power
594	Ground
595	Power
596	Ground
597	Power
598	Ground
599	Power
600	Ground
601	Power
602	Ground
603	Power
604	Ground
605	Power
606	Ground
607	Power
608	Ground
609	Power
610	Ground
611	Power
612	Ground
613	Power
614	Ground
615	Power
616	Ground
617	Power
618	Ground
619	Power
620	Ground
621	Power
622	Ground
623	Power
624	Ground
625	Power
626	Ground
627	Power
628	Ground
629	Power
630	Ground
631	Power
632	Ground
633	Power
634	Ground
635	Power
636	Ground
637	Power
638	Ground
639	Power
640	Ground
641	Power
642	Ground
643	Power
644	Ground
645	Power
646	Ground
647	Power
648	Ground
649	Power
650	Ground
651	Power
652	Ground
653	Power
654	Ground
655	Power
656	Ground
657	Power
658	Ground
659	Power
660	Ground
661	Power
662	Ground
663	Power