



PANASONIC TOUGHPAD FZ-M1 VS. COMPETITORS COMPARISON CHART

Panasonic

The fully-rugged 7" Toughpad FZ-M1 is the only tablet in its class with a high performance Intel® Core™ i5 vPro™ processor. It is powerful enough to serve as a desktop replacement and run full Windows® applications.



Panasonic recommends Windows 8.

FEATURE	PANASONIC TOUGHPAD™ FZ-M1	DAP M7000	DRS Armor X7et	TRIMBLE YUMA 2	TABLETKIOSK eo7400	MOBILEDEMAND T7200
PROCESSOR TECHNOLOGY	Intel® Core™ i5 vPro™	Intel™ Atom® Series				
RUGGEDNESS FEATURES						
Magnesium Alloy Casing	•		•	•		•
Shock-mounted HDD or SSD	•					•
Removable SSD	•					
Covered Ports	•	•	•	•		•
Raised Bezel Display Protection	•		•	•		•
Screen Protector	•	•	•	•		•
MIL-STD-810G	•	810F	•	•		•
MIL-STD-461F	Optional			•		
Ingress Protection (IP)	65	65	65	65		65
Fanless	•	•	•	•	•	
ISO ANSI/ISA 12.12.01 Class I Div 2 Certified	Optional					
Warranty	3 Years	N/P	1 Year	1 Year	1 Year	1 Year
KEY FEATURES						
Processor	Intel® Core™ i5-4302Y vPro™ and Intel® Turbo Boost	Intel® Atom™ Dual Core N2600 1.6GHz	Intel® Atom™ Dual Core Z670 1.5GHz	Intel® Atom™ Dual Core N2600 1.6GHz	Intel® Atom™ Dual Core N2600 1.6GHz	Intel® Atom™ Dual Core N2800 1.8GHz
Security Chip TPM (v1.2 compliant)	•			•	•	
Screen Size	7.0"	7.0"	7.0"	7.0"	7.0"	7.0"
Screen Resolution	WXGA (1280 x 800)	WSVGA (1024 x 600)	WSVGA (1024 x 600)	WSVGA (1024 x 600)	WSVGA (1024 x 600)	WSVGA (1024 x 600)
Screen Type	Capacitive	Capacitive	Capacitive	Capacitive	Capacitive	Capacitive
Multi Touch	•	•	•	•	•	
Glove Touch	•					
Digitizer						Optional
Screen Brightness Max (NIT)	500	500	400	N/P	N/P	N/P
Anti-reflection	•			•		•
Bonded Display	•					
IPS Display	•					

Unless otherwise stated, all competitive specifications obtained from respective manufacturers' websites as of December 2013.
N/P = Not Published

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PROCESSOR TECHNOLOGY	Intel® Core™ i5 vPro™	Intel™ Atom® Series					
KEY FEATURES (CONT.)							
Weight	1.2 lbs. (1.6 lbs. with optional long life battery)	1.7 lbs.	1.5 lbs.	2.6 lbs. (3.0 lbs. with optional long life battery)	1.9 lbs	2.5lbs	
Dimensions (L x W x H)	8.0" x 5.2" x 0.7"	8.3" x 5.2" x 1.0"	8.6" x 5.4" x 1.1"	9.6" x 6.3" x 1.5"	8.8" x 5.7" x 1.0"	8.8" x 5.7" x 1.6"	
Battery Life	8 hours; 16 hours with optional long life battery	8 hours with optional long life battery	6 hours with standard battery	8 hours; 10 hours with optional long life battery	N/P	8 hours; 10 hours with optional long life battery	
Bridge/Hot Swap Battery	Optional	•		•		•	
Windows® OS	Windows® 8.1 Pro, Windows® 7 Professional	Windows® Embedded Standard 7	Windows® Embedded Standard 7, Windows 7 Professional	Windows® 7 Professional	Windows® Embedded Standard 7, Windows 7 Professional	Windows® 7 Professional 32-bit	
Available Storage	128-256GB SSD	32-128GB SSD	40GB SSD	64-128GB SSD	64GB SSD	32-128GB SSD	
Memory (RAM)	8GB	2GB	1GB	4GB	2GB	2GB	
CONNECTIVITY	USB	1 (3.0)	1 (2.0)	MiniUSB (2.0)	2 (2.0)	1 (2.0) / 1 MiniUSB	1 (Optional 2*)
	MicroSD Card	•	•	•		•	•
	Optional Barcode Reader	•*				•	•
	Optional Serial	•*			USB Adapter		Optional*
	Optional LAN	•*			•	•	Optional*
	Optional SmartCard	•					
	Optional Near Field Communication	•*					
	Optional UHF RFID Reader (up to 10' range)	•*					
	Optional Magnetic Stripe Reader	•*				Optional	

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*Some options are mutually exclusive. Please consult a Panasonic representative for more details.

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PROCESSOR TECHNOLOGY	Intel® Core™ i5 vPro™	Intel™ Atom® Series				
KEY FEATURES (CONT.)						
Camera	5MP	2MP	5MP	5MP	5MP	5MP
Webcam	•		•		•	
Optional SmartCard Reader	• (Half-insertable)				N/P	•*
Kensington Cable Lock Slot	•			•	•	•*
WIRELESS						
Optional Antenna Pass-through	•			•	•	
Optional Dedicated GPS Receiver (SiRFstarIII™)	•		•	•	•*	•
Optional Mobile Broadband	• (4G LTE Multi Carrier)	• (3G module only)	• (3G Multi Carrier)	• (Penta-Band GSM)	• (3G module only)	• (4G LTE Verizon)
Wi-Fi	a/b/g/n/ac	b/g/n	b/g/n	b/g/n	b/g/n	a/b/g/n
Bluetooth®	v4.0 (Class 1)	v3.0	v2.1	•	v2.0	X (Class 2)

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