



PANASONIC TOUGH PAD 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. Or choose an Intel® Celeron® processor for affordable enterprise mobility—ideal for cloud-based productivity, running Windows 8.1 with Bing.

Panasonic recommends Windows 8.



FEATURE	PANASONIC TOUGH PAD FZ-M1	DAP M7000	DRS Armor X7et	TRIMBLE YUMA 2	TABLETKIOSK eo7400	MOBILEDEMAND T7200
PROCESSOR TECHNOLOGY	Intel® Core™ i5 vPro™ or Intel® Celeron®	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™ or Intel® Celeron® N2807	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™ or Intel® Celeron®	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	•	•		•		•	
Windows® OS	Core i5: Windows® 8.1 Pro, Windows® 7 Professional Celeron: Windows® 8.1 with Bing	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	Core i5: 128-256GB SSD Celeron: 64GB eMMC, up to 256GB SSD	32-128GB SSD	40GB SSD	64-128GB SSD	64GB SSD	32-128GB SSD	
Memory (RAM)	Core i5: 8GB Celeron: 4GB	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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PROCESSOR TECHNOLOGY	Intel® Core™ i5 vPro™ or Intel® Celeron®	Intel™ Atom® Series				
KEY FEATURES (CONT.)						
Camera	5-8MP	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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