






TOUGHPAD PRODUCT COMPARISON

	FULLY RUGGED				BUSINESS RUGGED
	Toughpad FZ-E1/FZ-X1 5" Windows 8.1 (FZ-E1) or Android™ 4.2.2 (FZ-X1) handheld tablet	Toughpad FZ-M1 7" Windows 8.1 Pro tablet	Toughpad FZ-B2 7" Android™ 4.4 tablet	Toughpad FZ-G1 10.1" Windows 8.1 Pro tablet	Toughpad FZ-Y1 Standard and Performance 20" 4K business tablets
					
Operating System	Windows Embedded 8.1 Handheld (FZ-E1) Android™ 4.2.2 (FZ-X1)	Windows 8.1 Pro	Android™ 4.4	Windows 8.1 Pro	Windows 8.1 Pro (Std model) Windows 10 Pro (Pro model)
CPU	Qualcomm® MSM8974AB 2.3 GHz Quad-core processor (FZ-E1) Qualcomm® APQ8064T 1.7GHz Quad-core processor (FZ-X1)	Intel® Core™ i5-4302Y vPro™ 1.6GHz with Turbo Boost up to 2.3GHz	Intel® Celeron™ N2930 processor (1.83GHz)	Intel® Core™ i5-5300U vPro™ 2.3GHz with Turbo Boost up to 2.9GHz	Intel® Core™ i5-5300U vPro™ 2.3GHz Processor (Std model) Intel® Core™ i7-5600U vPro™ 2.6GHz (Pro model)
FIPS 140-2 compliant	Level 1*	Level 1*	Level 1*	Level 1*	Level 1*
Multi-touch	10 point	10 point	5 point	10 point	10 point
Screen type	Capacitive	Capacitive	Capacitive	Capacitive	Capacitive
Screen brightness cd/m ²	500	500	500	800	-
Pen	N/A	Capacitive**	Capacitive**	Digitizer**	Electronic** (Pro model only)
Daylight-readable	Yes	Yes	Yes	Yes	No
RAM memory	2GB	8GB	2GB	8GB	8GB (Std model) 16GB (Pro model)
Storage	32GB	128GB - 256GB	32GB	128GB - 256GB	256GB
Standard battery	14 hours	8 hours	7 hours	13 hours	Approx. 2.0 hours (Optional battery: Approx. 3.0 hours) (Std model) Approx 2.5 hours (Pro model)
Long-life battery	N/A	16 hours (optional)	14 hours (optional)	26 hours (optional)	N/A
Battery	User-replaceable	User-replaceable	User-replaceable	User-replaceable	Panasonic-serviceable
MIL-STD-810G design	Yes	Yes	Yes	Yes	No
Ruggedisation	3 metre drop resistant IP68 (submersible in water up to 1.5 metres for 30 minutes)	150cm drop / IP65	180cm drop	180cm drop / IP65	76cm free-fall test (bottom)
Dimensions (L x W x H)	6.5" x 3.4" x 1.2"	7.98" x 5.20" x 0.71"	7.98" x 5.20" x 0.71"	10.6" x 7.4" x 0.8"	18.7" x 13.1" x 0.49" (without protruding parts) (W x D x H)
Weight	Approx. 0.94 lb.	1.2 lbs.	1.2 lbs	2.4 lbs. (standard battery) 3.0 lbs. (optional long life battery)	Approx 5.14lbs (Std model) Approx.5.50lb (Pro model)

*Compliant with the activation of software
**Optional accessory