

# TOUGHPAD PRODUCT COMPARISON

## FULLY RUGGED

## BUSINESS RUGGED

### Toughpad FZ-E1/FZ-X1

5-inch Windows 8.1 (FZ-E1) or Android™ 4.2 (FZ-X1) handheld tablet



### Toughpad FZ-M1

7-inch Windows 8.1 Pro tablet



### Toughpad FZ-B2

7-inch Android™ 4.4 tablet



### Toughpad FZ-G1

10.1-inch Windows 8 Pro tablet



### Toughpad 4K

Standard and Value 20-inch 4K business rugged tablets



	Toughpad FZ-E1/FZ-X1	Toughpad FZ-M1	Toughpad FZ-B2	Toughpad FZ-G1	Toughpad 4K
<b>Operating System</b>	Windows Embedded 8.1 Handheld (FZ-E1) Android™ 4.2.2 (FZ-X1)	Windows 8.1 Pro Windows 7 Professional downgrade	Android™ 4.4	Windows 8.1 Pro Windows 7 Professional downgrade	Windows 8.1 Pro Update
<b>CPU</b>	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, 2MB Cache)	Intel® Core™ i5-5300U vPro™ 2.3GHz with Turbo Boost up to 2.9GHz	Intel® Core™ i5-5300U vPro™ 2.3GHz with Turbo Boost up to 2.9GHz
<b>FIPS 140-2 compliant</b>	Level 1*	Level 1*	Level 1*	Level 1*	Level 1*
<b>Multi-touch</b>	10 point	10 point	5 point	10 point	10 point
<b>Screen type</b>	Capacitive	Capacitive	Capacitive	Capacitive	Capacitive
<b>Screen brightness cd/m<sup>2</sup></b>	500	500	500	800	-
<b>Pen</b>	N/A	Capacitive**	Capacitive**	Digitizer**	No
<b>Daylight-readable</b>	Yes	Yes	Yes	Yes	No
<b>RAM memory</b>	2GB	4GB-8GB	2GB	4GB-8GB	4GB-8GB
<b>Storage</b>	32GB	128GB - 256GB	32GB	128GB - 256GB	128GB - 256GB
<b>Standard battery</b>	14 hours	8 hours	7 hours	8 hours	3 hours
<b>Long-life battery</b>	N/A	16 hours (optional)	14 hours (optional)	18 hours (optional)	N/A
<b>Battery</b>	User-replaceable	User-replaceable	User-replaceable	User-replaceable	Panasonic-serviceable
<b>MIL-STD-810G design</b>	Yes	Yes	Yes	Yes	No
<b>Ruggedisation</b>	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)
<b>Dimensions (W x H x D)</b>	87.4 mm x 165 mm x 30.9 mm (without protruding parts)	203mm x 18mm x 132mm	203mm x 18mm x 132mm	270mm x 19mm x 188mm	475mm x 334mm x 12.5mm
<b>Weight</b>	426g (without barcode reader)	540g	540g	1.1kg	2.44kg

\*Compliant with the activation of software

\*\*Optional accessory