

Panasonic
BUSINESS



PANASONIC TOUGHPAD
THE TABLET RANGE BUILT TO WORK WHERE YOU DO

TOUGHPAD FZ-X1

5" FULLY RUGGED ANDROID™-POWERED HANDHELD TABLET WITH VOICE



TOUGHPAD FZ-E1

5" FULLY RUGGED WINDOWS EMBEDDED 8.1 HANDHELD TABLET WITH VOICE¹



TOUGHPAD FZ-G1

10.1" FULLY RUGGED WINDOWS 8.1 PRO TABLET WITH IPS SCREEN TECHNOLOGY



TOUGHPAD FZ-Y1

ONE OF THE WORLD'S FIRST 20" 4K TABLET – AVAILABLE IN STANDARD AND PERFORMANCE MODELS



THROUGH ITS TOUGHPAD RANGE OF TABLETS, PANASONIC CAN PROVIDE THE ANSWERS TO ALL OF THE QUESTIONS YOU SHOULD CONSIDER WHEN CHOOSING A TABLET FOR YOUR BUSINESS.



Do you need a tablet that's productive outdoors?

Many conventional tablets have high-gloss, high-reflection screens that make working in daylight a practical impossibility. And if you need to work outdoors, you need to know whether your tablet has the screen resolution and viewing angle to make it capable of viewing or sharing detailed graphical information.



Does your business work in challenging conditions?

If you need your field teams to perform where things can get tough – in extreme temperatures, in dusty conditions or where their tools are likely to get dropped or wet – then many tablets just aren't up to the job. If drops, knocks and spills are a feature of everyday working life, something more durable than a conventional tablet is needed.



Do your teams need devices that can operate in vehicles?

If your mobile teams spend time behind the wheel, they need tablets that can stay productive with them. So if the tablet can't be mounted, powered and connected – safely and securely – inside their vehicles, then it probably isn't the right option for you.



Are device and data security important to you?

Many tablets can't compete with mobile or desktop PCs when it comes to security – of both data and the software loaded onto them. So if you don't choose tablets with corporate security features, it can lead to major risks in terms of your business operations.



Is staying connected critical to your operations?

Many tablets just don't have the capacity to connect to diagnostic technology, professional devices and other field-based assets. So a careful consideration of configuration ports and connectivity options should always be high on your list of priorities.

¹voice and data coming 2016



TOUGHPAD FZ-M1

7" FULLY RUGGED
WINDOWS 8.1 PRO TABLET

TOUGHPAD FZ-G1

ONE OF THE WORLD'S THINNEST
AND LIGHTEST FULLY RUGGED
10.1" WINDOWS 8.1 PRO TABLETS



TOUGHPAD FZ-B2

FULLY RUGGED, FANLESS
ANDROID™-POWERED TABLET
WITH 7" OUTDOOR DISPLAY



Screen visibility

The first fully rugged device to use the latest IPS technology, the Toughpad FZ-G1 provides new levels of viewing quality for tablet users working outdoors. Offering extra-wide viewing angles, strengthened glass, high contrast ratio and high brightness, paired with a Panasonic anti-reflection layer, the 10.1" screen is purpose-built to perform in any weather or light conditions.



Connectivity

Using its flexible ports, the FZ-G1 and FZ-M1 can be configured exactly for specific requirements, offering integrated USB 2.0, micro SD and serial ports, LAN connector, with GPS and integrated smartcard reader (optional). USB 3.0, Bluetooth 4.0 and WLAN AC capabilities are standard.



Reliability and durability

The Toughpad family is designed to meet the same incredible durability standards as Panasonic's Toughbook laptop product line. The Toughpad FZ-E1 and FZ-X1, for example, have a MIL-STD-810G rating for 3m drops, as well as an IP68 ingress protection rating for resistance to dust and water. The device is also rated for use in extreme temperatures from -29°C to +60°C.



Mobility

All tablets claim to offer the advantage of mobility. Few can rival Toughpad. At just 1.2 lbs and 18mm thick, the Toughpad FZ-M1 is one of the lightest and thinnest fully rugged 7" Windows 8.1 Pro tablets, putting powerful performance in your pocket.



Voice capability

Both the Toughpad FZ-E1 and FZ-X1 will feature voice capability, with three microphones for intelligent noise cancellation and twin loud-volume speakers ensuring excellent clarity, even in noisy outdoor environments.



Vehicle mounting

Toughpad tablets are supported by specialized vehicle mounts that allow the devices to stay connected to power and applications while on the move. To help field workers stay in touch with the office, the FZ-G1 also comes with an external antenna connector to allow vehicle-mounted devices to connect to a roof antenna.



Ease of use

The fully rugged Toughpad tablets feature toughened capacitive multi-touch screens, which can be operated while wearing gloves.



Security

All Toughpad products include unique features dedicated to security, providing a high level of tamper and trusted boot protection.



Extended battery performance

Long battery life and hot-swap options mean Toughpad tablets stay operational up to 14 hours, with the 5" Toughpad FZ-E1 and FZ-X1 capable of 1,000 hours' battery life in standby mode.



TAKE YOUR TOUGHPAD ON THE ROAD

Thanks to our range of custom vehicle docking solutions, your field staff can work as efficiently on the road as they would in the office. Providing easy access to the devices and applications directly from the dock, your personnel can remain productive and safe at all times.






- Reduced setup time for every job, just mount and go
- Improved access to devices and applications in the field
- Optimized 4G and GPS connectivity, ensuring faster data transfer
- Enhanced WLAN signal so you are always connected to HQ
- Peace of mind that your device is secure and compliant with safety legislation

SPECIALIST ACCESSORIES FOR SPECIALIST TASKS

Vehicle docks aren't the only accessories available for the Toughpad range. You can also opt for various carrying options, X-straps for one-handed use, port replicator for constant connectivity, and styluses and touch pens for more intuitive input.



AT-A-GLANCE TOUGHPAD GUIDE

	FULLY RUGGED				BUSINESS RUGGED
	Toughpad FZ-E1 and FZ-X1 5" handheld tablets with Windows Embedded 8.1 Handheld or Android™ 4.2.2	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 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 2.3GHz (FZ-E1) Qualcomm® APQ8064T 1.7GHz (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)
Screen type	Capacitive	Capacitive	Capacitive	Capacitive	Capacitive
Multi-touch	10 point	10 point	5 point	10 point	10 point
Pen	N/A	Capacitive*	Capacitive*	Digitizer*	Electronic* (Pro model only)
Screen brightness cd/m²	500	500	500	800	–
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
Hot swappable	Yes	Optional	Optional	Optional	N/A
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)	180cm 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)

*Optional accessory

MAKE THE RIGHT TABLET CHOICE. TALK TO PANASONIC TODAY.

For expert advice on choosing the most suitable tablet for your business, contact Panasonic.

Our team will help you find the best solution that fits all your needs.