

TOSHIBA
Leading Innovation >>>



Modern learning.
Modern computing.

TOSHIBA'S EDUCATION NOTEBOOK RANGE

Why schools should consider upgrading to Toshiba's leading edge notebooks and convertibles.

The four devices in Toshiba's education range were each designed to meet the needs of global corporations. They are engineered for style, reliability, durability and ease of management – attributes that are equally important to teachers, students, parents, school administrators and IT managers.

If you'd like your day – and your school – to run more smoothly, consider a move to Toshiba's slim, light and elegant education devices. You'll be in very good company.

Toshiba's education range is prepared for the world's toughest customers.

Schools are recognised as one of the most demanding environments for tablets and notebooks. Students use their devices frequently, move between classrooms throughout the day, and travel to and from home.

They may also store their devices in bags that contain other items. The risk of drops, impacts or crushing is ever present. That's why the devices selected for Toshiba's education range have durability built in.

Each Toshiba design endures a process known as highly accelerated lifetime testing (HALT) before it is released. HALT involves exposing the devices to extremes of heat and cold in rapid succession, over and over again, compressing the stresses of a lifetime into just a few days.

New models are also exposed to vibration, shock and drop tests, all designed to ensure they can handle the rigours of life on the road and in the playground.

Evidence of Toshiba's success can be seen in the new X20 convertible, which is designed to meet the standards of another tough customer, the US Department of Defence and its gruelling MIL-SPEC 810g requirements.



An insight into Toshiba's engineering.

Many of the innovations that make Toshiba's devices so reliable are hidden away inside the chassis. One example: a ground-breaking heat management system in the new X20, made possible by physics and a new fan design.

The more powerful the processor, the more heat it produces. To enable the X20 to run the new full voltage 7th Generation Intel® Core™ i5 and i7 processors, Toshiba's engineers had to solve the problem of removing the heat while working within the confines of the incredibly slim design.

The engineers turned to physics, running computer simulations of heat and air flow. They saw an opportunity to exploit Bernoulli's Principle using



two air entry points. To achieve this, they developed a new fan that is only 3.7 mm thin, a technical challenge met by adapting the proven, highly durable bearings used in hard disk drives (Toshiba is one of the world's largest manufacturers of high speed drives).

This combination helps eliminate heat much more efficiently, allowing the X20 to run reliably at high speeds without excessive battery usage.

Principals, e-learning leaders, IT staff, teachers, students and parents: welcome to business class.



- 1.5 KG
- 10 HOURS
- HIGH SPEED WIFI



- 1.05 KG
- 11 HOURS
- HIGH SPEED WIFI
- TOUCHSCREEN



- 1.5 KG
- 19 HOURS
- HIGH SPEED WIFI
- TOUCHSCREEN



- 1.1 KG
- 13 HOURS
- THUNDERBOLT™ 3
- TOUCHSCREEN

Portégé R30-D

This education grade 13.3" ultraportable is a smart solution for schools wanting great value in a solidly built, fully featured notebook for students or teachers.

- » Intel® Core™ i3 processor
- » 13.3" high definition backlit widescreen
- » Storage: 128GB solid state drive
- » Memory: 4GB
- » High speed WiFi (Intel 802.11ac/a/g/n)

Portégé X30-D

This next-generation, education grade 13.3" device is perfect for schools seeking a leading edge notebook with a user-friendly touchscreen, remarkable battery life and an ultra slim and light body.

- » 7th Generation Intel® Core™ i5 processor
- » 13.3" Full HD multi-touch widescreen
- » Storage: 256GB PCIe solid state drive
- » Memory: 8GB
- » High speed WiFi (Intel 802.11ac/a/g/n)
- » Dual IR camera for Windows Hello™

Portégé Z20t-C

This education grade 12.5" convertible is ideal for schools wanting the flexibility of a detachable tablet, exceptional battery life and the educational benefits of natural pen-input and digital ink.

- » Intel® Core™ m5 processor
- » Detachable 12.5" Full HD multi-touch widescreen
- » Digitizer pen x 2 (2,048 levels of sensitivity)
- » Storage: 256GB solid state drive
- » Memory: 8GB
- » High speed WiFi (Intel 802.11ac/a/g/n)

Portégé X20-D

This next-generation, education grade 12.5" notebook/tablet ticks the boxes for schools wanting a balanced blend of top-end performance and Thunderbolt™ 3 connectivity in a slim, light convertible device.

- » 7th Generation Intel® Core™ i5 processor
- » 12.5" Full HD multi-touch widescreen
- » Digitizer pen (2,048 levels of sensitivity)
- » Storage: 256GB PCIe solid state drive
- » Memory: 8GB
- » High speed WiFi (Intel 802.11ac/a/g/n)
- » Dual IR camera for Windows Hello™



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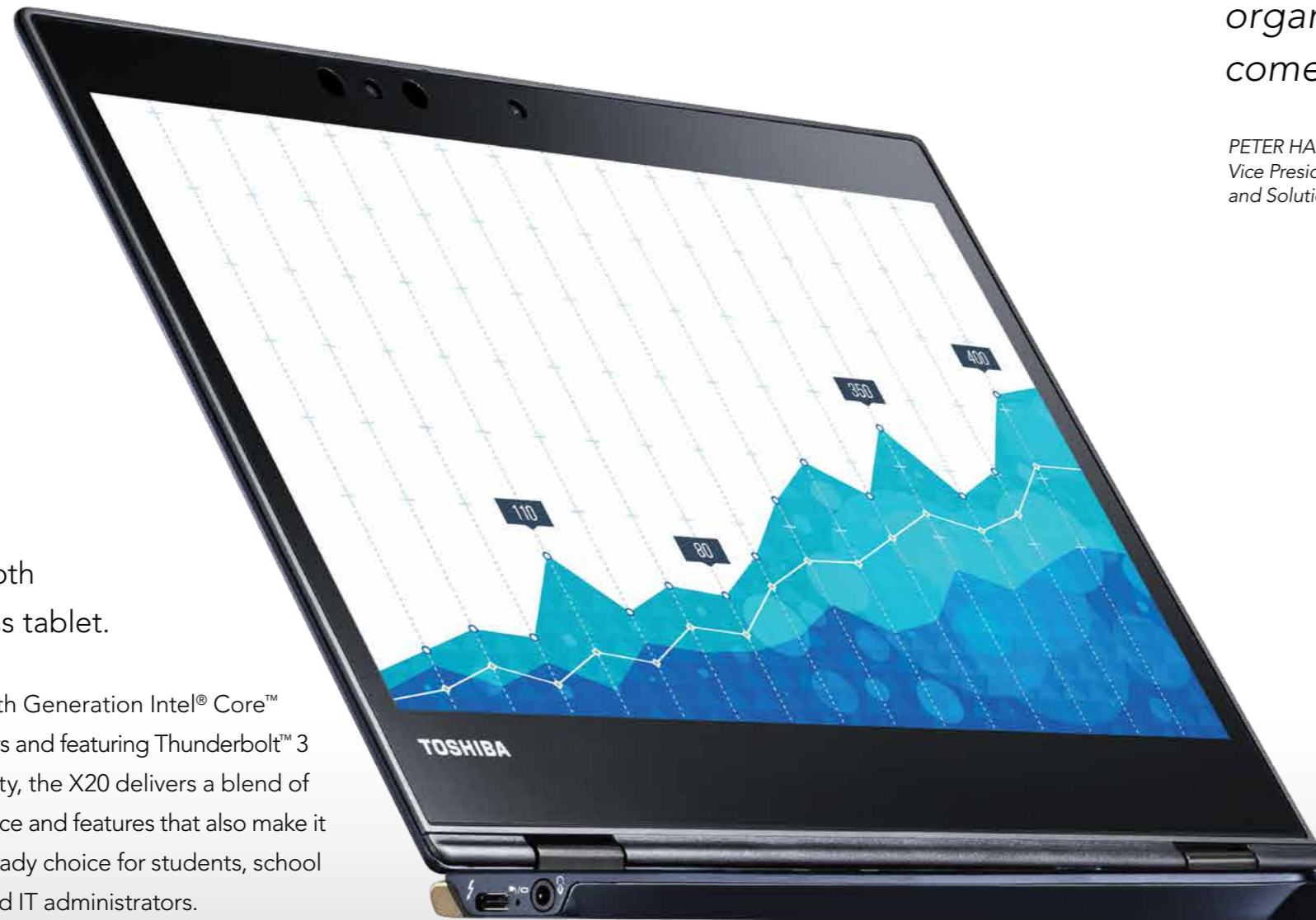
THINNER | LIGHTER | FASTER

Toshiba's new X20 convertible delivers on every level, from basic economics to advanced mathematics.

The X20 is a sleek, versatile convertible that's both a high performance notebook and a best in class tablet.

Designed with a 360-degree dual-action hinge that rotates the screen into five different usage modes, this fully-equipped 2-in-1 with natural touch and digitizer pen input is the ultimate flexible learning device, delivering all-day value for teachers and students.

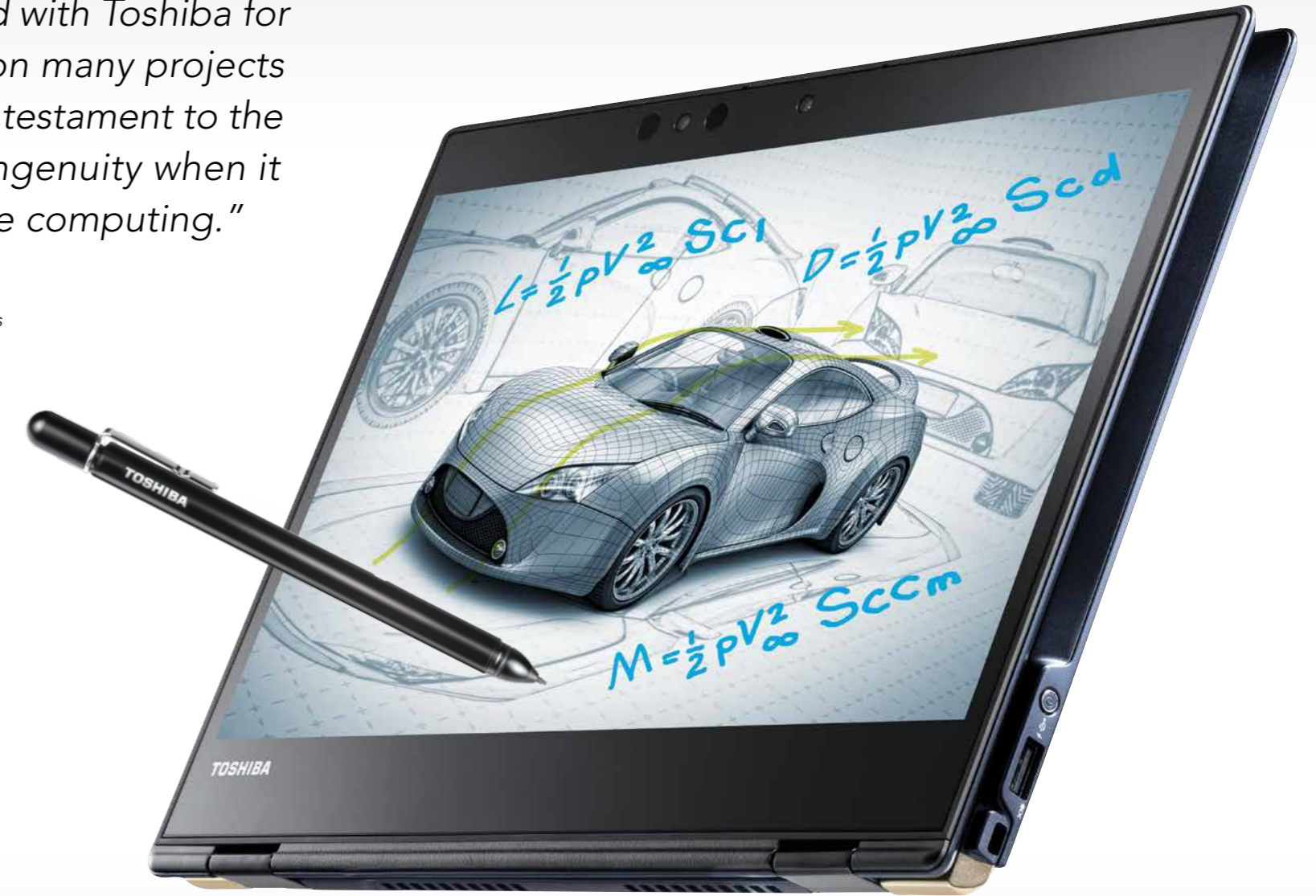
Running 7th Generation Intel® Core™ i processors and featuring Thunderbolt™ 3 connectivity, the X20 delivers a blend of performance and features that also make it a future-ready choice for students, school leaders and IT administrators.



WEIGHS JUST 1.1 KG

"We have worked with Toshiba for three decades on many projects and the X20 is a testament to the organisation's ingenuity when it comes to mobile computing."

PETER HAN
Vice President of Partner Devices and Solutions, Microsoft USA



ONLY 15.4 MM THIN

Z20t
THE SUBJECT MATTER EXPERT

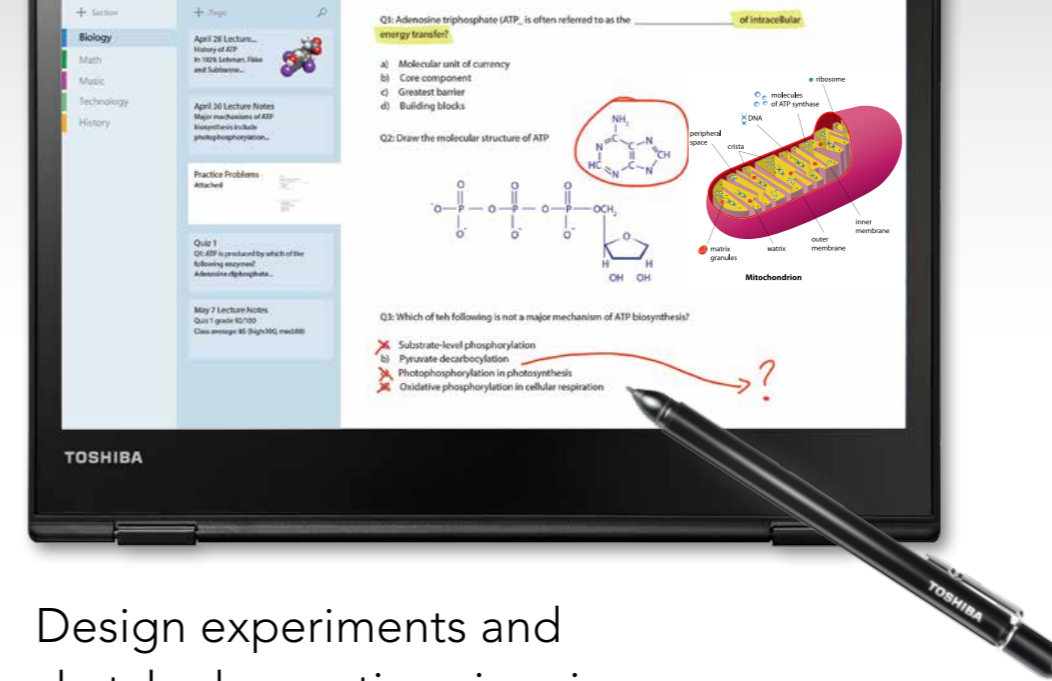


X20
THINNER | LIGHTER | FASTER

Toshiba's digitizer-equipped convertibles help transform teaching and learning across the curriculum.

Digital ink changes everything. The pro-grade digitizers that come with the Z20t and the new X20 let teachers and students work quickly and naturally in ways that suit each subject.

Keyboards are fine for typed input, online research and so on. But when it comes to drawing experiments, writing equations, composing music or practising characters, the digitizer provides a huge advantage. From maths and music to science and technology, Toshiba's convertibles make it easier to teach and learn.



Design experiments and sketch observations in science.

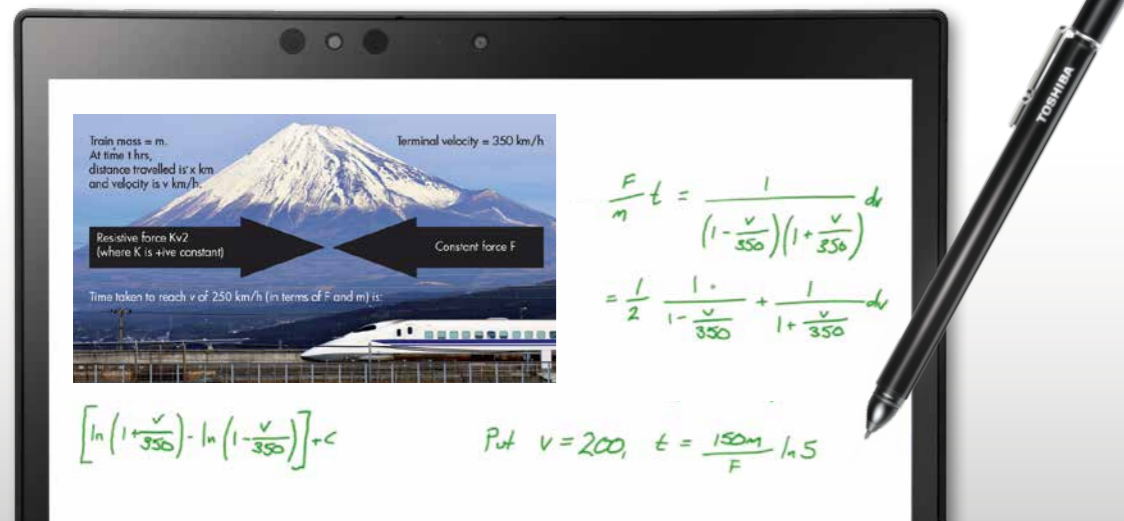
THINKING IN INK
25-36% higher scores were obtained by students who diagrammed their thinking with a pen versus those who only used a keyboard when solving science problems.

Computer interfaces and their impact on learning by Sharon Oviatt

Have a free hand in technology.



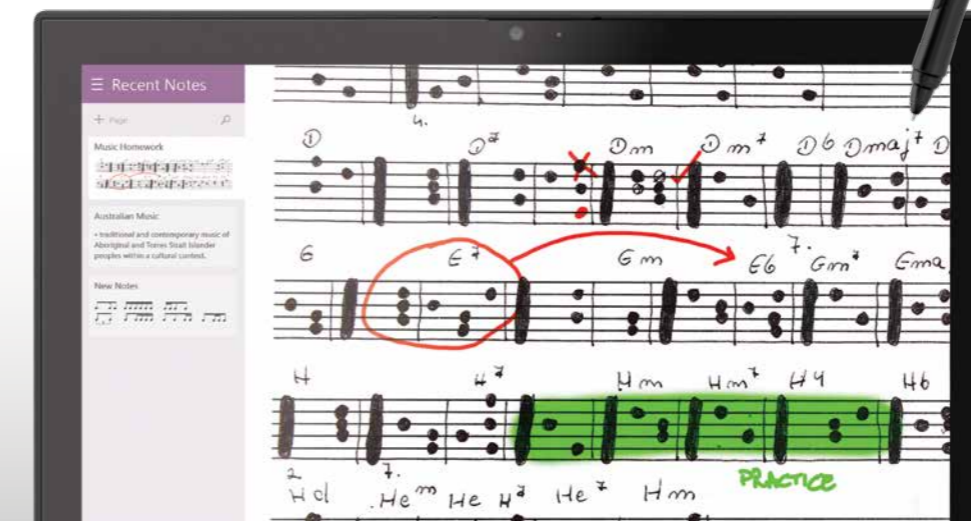
Solve the problem of writing equations in maths.



Write fluently in non-alphabetic languages.



Compose without a keyboard.



Why Toshiba?



Over 30 years experience developing notebooks

Toshiba launched the world's first industry-standard notebook in 1985. We've remained at the forefront of the technology ever since.



Over 25 years experience in education

Toshiba laptops were among the first in the world to be used in schools. Since then, we've partnered continuously with educators to develop ever better tools.



A balance of style and substance

You can see and feel the seamless integration of functionality with design excellence – an important consideration for acceptance by students and staff.



Committed to education

We have made a long term commitment to the education market, and to supporting end-users in education.

In-country, in-house support.

Toshiba has invested heavily in service infrastructure to help minimise disruption if something should happen to a device. To support prompt, fast turnaround on our warranty and indemnity services we have:



\$10 million in-country spare parts stockpile to help minimise turnaround times.



Nationwide network of authorised Service Centres.



Courier pick up and return within Australia and New Zealand.

For the IT manager.

Toshiba's education range is designed to minimise downtime and maximise ease of management. Education friendly features include:



Toshiba's HALT testing process compresses the stresses of a lifetime into a few days to ensure each design is school ready.



Ease of deployment, with common BIOS, firmware and imagery, and asset tagging.



Advanced remote management and security features built in.

Toshiba's education range*

MAINSTREAM

Portégé R30-D

Full-featured performance notebooks.

ULTRABOOK

Portégé X30-D

Ultrathin and light, high performance & long battery life.

2-IN-1 DETACHABLE

Portégé Z20t-C

Detachable tablet with natural input with touch, pen and inking for creative learning.

2-IN-1 CONVERTIBLE

Portégé X20-D

Convert from notebook to tablet with the 360° hinge. Natural input with touch, pen and inking for creative learning.

Screen size (inches)	13.3	13.3	12.5	12.5
Weight (kg)	1.5	1.05	1.5	1.1
Microsoft® Windows 10	☑	☑	☑	☑
Intel® Core™ Processors	☑	☑	☑	☑
Spill-resistant	☑	☑	☑	
Docking	☑	☑	☑	☑
Backlit keyboard	☑	☑	☑	☑
Accupoint®		☑	☑	☑
Magnesium chassis		☑	☑	☑
Touchscreen		☑	☑	☑
Windows Ink			☑	☑
2-in-1			☑	☑
HALT tested	☑	☑	☑	☑

Choosing your computer

Administrators	☑	☑		
Teachers	☑	☑	☑	☑
Students	☑	☑	☑	☑
K-6	☑			
7-12		☑	☑	☑
1:1	☑	☑	☑	☑

*Features may vary depending on configuration.



A local commitment to education customers.

Within Australia and New Zealand, the team at Toshiba works closely with the public and private education sectors across a wide range of school types and sizes. Toshiba's team is highly experienced and well qualified to help with:

- » Pre-sale product insights and technical support.
- » Technical trials, product testing and certification procedures.
- » Bundled packages of accessories and support upgrades.
- » Hardware, software, network and security matters.
- » Device configuration and pre-loading SOEs.
- » Large scale and wide-area deployments.
- » Device buybacks.

Local Dealer :

Caboolture Computers

Phone : (07) 54985430

www.caboolturecomputers.com.au

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