

DYNA-ME-X15U

15" Full Rugged Laptop with 8th Gen Processor

Features:

- Intel® 8M CPU,Built-in TPM security chip
- Support Windows 10 system
- More interfaces,Support extension dock
- Support 3G/4G,Ublox GPS high accuracy positioning, Optional Beidou; Dual frequency WIFI;BT4.2.
- Rugged IP65 protection level
- Design of double wide temperature, battery, Support 6200mAh hot pluggable battery



Specifications

Type	Details	Standard Configuration
Product Form	Type	15 inch Full-rugged Notebook
	Dimension	397*271*37 mm
	Device color	Black
LCD	Screen size	15.6" 16:9
	Resolution	1920(H)×1080(V) FHD
	Brightness	700cd/m ²
TP	Touch panel	NA
Camera	Front	Front 2.0 MP
Speaker	Built-in	Built-in 8Ω/1W x2
Mic	Built-in	×2 Internal Digit MIC
Battery (Built-in)	Type	Built-in Lithium-ion polymer battery
	Capacitive	2000mHA/7.4V
	Endurance	0.5hrs(Default 50% volume,default 200 nits,Play 720P HD video)
Battery (Pluggable)	Type	External Lithium-ion polymer battery
	Capacitive	6300mHA/7.4V
	Endurance	6 hrs(Default 50% volume, default 200 nits, Play 720P HD video)
CPU	Type	8th Generation KBL-R Intel® Core™ i5-8250U
	Speed	Processor 4core 8 threads, processor base frequency 1.60 GHz, maximum frequency 3.40 GHz
GPU	Type	Intel® UHD Graphics 620
RAM	DDR4L	8 GB
SSD	NGFF SSD	512 GB
HDD	Type	NA
TPM	Built-in	Built-in TPM Security Chip SLB9665T2.0
Hall switch	hall	hall

WIFI	WIFI module	WIFI 802.11(a/b/g/n/ac) Frequency 2.4G+5.8G Dual frequency WIFI/Intel 3165 / Max Speed 433 Mbps
Bluetooth	Built-in	BT4.2 (BLE) class1 Transmission distance : 10m
3G	Built-in	Mini-pcie interface(USB and pcie signal compatibility)
4G	Built-in	Mini-pcie interface(USB and pcie signal compatibility)
NFC	NA	NA
GPS	Built-in	U-blox NEO-7,Support:GLONASS,QZSS,GPS(USB interface)
Fingerprint	Built-in	×1 SPI fingerprint(Power on login)
USB3.0	USB3.0	USB3.0*3
USB2.0	USB2.0	USB2.0*1
Earphone Jack	Earphone Jack	φ3.5mm Standard earphone jack x1 host
HDMI	HDMI	HDMI x1 type-A)
SD Card	SD Card	SD Card x1
SIM Card	SIM Card	SIM Card x1
DC	DC Jack	DC 19V 3.42A power jack x1
Serial port	Serial Port	DB9 (RS232 or RS485) x1
RJ45 port	Internet port	x2 (10/100/1000M Self-adoption) I219+I210
Burglar lock hole(Right)	Kensington	Kensington x 1
Heat dissipation air Outlet(Right)	Heat dissipation air Outlet(Right)	Heat dissipation air Outlet(Right) x1
Left extension dock	Left extension dock	NA
POGO PIN	POGO PIN	POGO 5pin
Power	Power Button	x1
Reset	Reset Button	Reset x 1
P1	P1	Used to lock or open screen ×1
Keyboard	Keyboard	US 104 button,IP65
Power	Built-in	×1 Light color is blue when boot(Blue will not too bright), Light off when machine closed.
Battery	Built-in	×1(red and green double - color) Light color is red when charging, then become green when full charge , red light flash when low - power, it is not bright when discharge.
HDD LED	Built-in	x1
Caps lock	Built-in	x1
3G/4G	Built-in	Light color is blue when 3G/4G opened ; Light off when 3G/4G closed
Power Adaptor	Standard	100~240V Input 19V3.42A/65W output USA standard CE approval
OS	OS version	Windows 10 Professional 64 bit OS
Certificate System	IP65	IP65 Report : Water Resistance : IP-X5, Dust Resistance: IP-6X a.Inner Nozzle Diameter : 6.3mm; b. Water Speed : 12.5±0.625L/min; c.Water Pressure : Adjust according to water flow; d.Central part of water flow : A round with a diameter of about 40mm at the distance from the nozzle 2.5m. e.Spray time on the surface of the panle: About 1 min/Square meter; f.Test time : at least 3min; g.Distance between nozzle and panel surface : 2.5~m. After the test, there is no water leakage in the sample.

	Certificate	CE,RoHS,CCC,MIL-STD-810G,
Product Reliability	Drop Height	100cm composite wood floors, in operational status
	Operate Temperature	-10 °C to 50 °C
	Storage Temperature	-30 °C to 70 °C
	Humidity	Humidity: 95% Non-Condensing

Ordering Information	
Part Number	Description
DYNA-ME-X15U	15" Full Rugged Laptop with 8th Generation KBL-R Intel® Core™ i7-8550U, 16GB Ram, 1TB SSD & Windows 10 Professional 64 Bit Operating System
	15" Full Rugged Laptop with 8th Generation KBL-R Intel® Core™ i5-8250U, 8GB Ram, 512GB SSD & Windows 10 Professional 64 Bit Operating System