

GRL-15A



Specification	
CPU	Intel Alder Lake i5-1235U/i7-1255U
Graphics	Intel® Iris® Xe Graphics eligible
OS	Windows 11 Pro 64bit no key
LCD	15.6" 16:9 1920(H)×1080(V) FHD,1000cd/m²
RAM	2 x DDR5 SO-DIMM, up to 64GB
Storage	1 x M.2 2280 M-KEY, support NVMe SSD Additional 1 x M.2 M-KEY via expansion bay
Wi-Fi	WiFi 6 802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax
5G and LTE	Optional
Camera	5.0MP
BT	BT5.1 (BLE)
Battery	Main battery: 4700mah/11.4V (53.58WH) Bridge battery: 1300mah/11.1V (14.4WH)
Speaker	Built-in 4Ω/3W x2
GNSS	U-blox NEO-7,support: GPS or GLONASS Optional U-blox M8Q
Fingerprint	x1 SPI fingerprint(power on login)
TPM	Built-in TPM2.0 SLB9670VQ2.0
I/O connectors	USB3.2 x1, USB3.0 x1, USB2.0 x1, Thunderbolt 4 x1
	φ 3.5mm earphone jack x1
	HDMI x1
	TF card slot x1
	SIM card slot x1
	DC 19V 3.78A jack x1
	DB9 (RS232) x1
	(10/100/1000Mbps) RJ45 LAN x2

	12PIN Pogo PIN x1 (USB signal for customization)
Expansion bay	1 x M.2 2280 M-KEY 1 x M.2 E-KEY
Default accessories: Power adapter, AC cord	
Optional parts	
TP	Capacitive touch screen (by project)
AR FILM	Anti reflection film (by project)
OS Key	Windows 11 Home
	Windows 11 Pro
	Windows 11 IOT Enterprise (i5)
	Windows 11 IOT Enterprise (i7)
SSD Upgrade	256G to 512G
	256G to 1T
4G LTE module	LTE-FDD: B1/3/5/7/8/20 LTE-TDD: B40 WCDMA: B1/5/8 GSM: 900/1800
5G module	5G NR: n1/n2/n3/n5/n7/n8/n12/n20/ n25/n28/n38/n40/n41/n48*/ n66/n71/n77/n78/n79 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/ B12(B17)/B13/B14/B18/B19/ B20/B25/B26/B28/B29/B30/ B32/B66/B71 LTE-TDD: B34/B38/B39/B40/B41/B42/ B43/B48 LAA: B46 (only support 2 x 2 MIMO) WCDMA: B1/B2/B3/B4/B5/B6/B8/B19
NFC	NXP300
Optional Accessory	
Additional Adaptor	100~240V input 19V 3.78A/71.82W output
Additional Battery	4700mah/11.4V (53.58WH)
4-bay battery charger	MDC14