

Part No	**90NR0931-M00130**
Model Name	**GX650RW-LS005X**
EAN Code	**4711081537014**
UPC Code	**195553537018**
Marketing Name	**ROG Zephyrus Duo 16**
Color	**Black**
Dimension (W x D x H)	**35.5 x 26.6 x 2.05 ~ 2.05 cm**
Weight	**2.50 Kg**
Processor	**AMD Ryzen™ 7 6800H Mobile Processor (8-core/16-thread, 20MB cache, up to 4.7 GHz max boost)**
Chipset	**N/A**
Discrete/Optimus	**Optimus**
Graphic	**NVIDIA® GeForce RTX™ 3070 Ti Laptop GPU**
Graphic Wattage	**ROG Boost: 1460 MHz* at 150W (1410MHz Boost Clock+50MHz OC, 125W+25W Dynamic Boost)**
Graphic Memory	**8GB GDDR6**
IGPU	**AMD Radeon™ Navi2 Graphics**
Panel Size	**16-inch**
Resolution	**WUXGA (1920 x 1200) 16:10**
Refresh Rate	**165Hz**
Response Time (G2G)	**3ms**
Viewing Angle	**85/85/85/85**
Panel Tech	**IPS-level**
Brightness	**500**
Contrast	**1200:1**
NTSC %	**72**
SRGB %	**100**
Adobe %	**75.35**
Anti glare	**anti-glare display**
Adaptive-Sync technology	**FreeSync**
Pantone	**Pantone Validated**
Support Dolby Vision HDR	**Yes**
Support stylus	**Yes**
Additional Display	**ScreenPad™ Plus (14" 1920 x 550 IPS-level Panel Support Stylus)**
Total System Memory	**16GB DDR5-4800 SO-DIMM *2**
On board memory	**N/A**
Memory Slot	**2x SO-DIMM slots**
DIMM Memory	**16GB DDR5-4800 SO-DIMM *2**
Memory Max.	**64GB**

System Storage Installed	**1TB M.2 NVMe™ PCIe® 4.0 SSD**
M.2 slots support either SATA or NVMe	**2**
M.2 SSD Support List	**1. 2xPCIe*4** **2. 512G / 1TB / 2TB/ 2TB+2TB (RAID 0)**
How to upgrade memory	**Upgradable** **dedicate Memory door on Bottom side**
Expansion Slot (includes used)	**2x PCIe**
LAN	**10/100/1000/2500 Mbps**
Wi-Fi/Bluetooth	**Wi-Fi 6E(802.11ax)+Bluetooth 5.2 (Dual band) 2*2** **(*BT version may change with OS upgrades.) -RangeBoost**
I/O Ports	**1x RJ45 LAN port** **1x USB 3.2 Gen 2 Type-C support DisplayPort™** **1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC** **2x USB 3.2 Gen 2 Type-A** **1x card reader (microSD) (UHS-II, 312MB/s)//1x 3.5mm Combo Audio Jack**
Display output	**1x HDMI 2.1**
Webcam	**720P HD IR Camera for Windows Hello**
Mic	**Built-in array microphone**
Keyboard Type	**Backlit Chiclet Keyboard Per-Key RGB**
NumberPad	**Support NumberPad**
Aura Sync	**Yes**
Speakers	**6-speaker(dual-force woofer) system with Smart Amplifier Technology**
Audio Tech	**AI noise-canceling technology** **Dolby Atmos** **Hi-Res certification** **Smart Amp Technology**
Operating System	**Windows 11 Pro**
Antivirus	**N/A**
Security	**BIOS Administrator Password and User Password Protection**
Battery	**90WHrs, 4S1P, 4-cell Li-ion**
Power	**ø6.0, 280W AC Adapter, Output: 20V DC, 14A, 280W, Input: 100~240C AC 50/60Hz universal**
Bundled Peripherals	**Palm rest**