



Part No	**90NB0SG4-M19950**
Model Name	**X513EA-BQ1281T**
EAN Code	**4711081258438**
UPC Code	**195553258432**
Operating System	**Windows 10 Home - ASUS recommends Windows 10 Pro for business**
Office	**1-month trial for new Microsoft 365 customers. Credit card required.**
LCD cover-material	**Plastic**
LCD cover-color	**Bespoke Black**
Top case-material	**Plastic**
Top case-color	**Black**
Bottom case-material	**Plastic**
Bottom case-color	**Black**
Military grade	**N/A**
Panel Size	**15.6-inch**
Brightness	**250nits**
Resolution	**FHD (1920 x 1080) 16:9**
Glare	**Anti-glare display**
Color gamut	**NTSC: 45%**
Touch Panel	**N/A**
Screen-to-body ratio	**85 %**
Pantone	**N/A**
IPS-level	**IPS-level Panel**
Processor	**Intel® Core™ i7-1165G7 Processor 2.8 GHz (12M Cache, up to 4.7 GHz, 4 cores)**
Chipset	**N/A**
Discrete/Share	**Share**
Intergrated GPU	**Intel Iris Xᵉ Graphics (available for 11th Gen Intel® Core™ i5/i7 with dual channel memory)**
VRAM	**N/A**
How to upgrade memory	**Upgradable** **Need to remove bottom/top case**
Expansion Slot(includes used)	**1x DDR4 SO-DIMM slot** **1x M.2 2280 PCIe 3.0x2** **1x STD 2.5” SATA HDD**
Total System Memory	**4GB DDR4 on board + 4GB DDR4 SO-DIMM**
On board memory	**4GB DDR4 on board**
DIMM Memory	**4GB DDR4 SO-DIMM**
Storage	**512GB M.2 NVMe™ PCIe® 3.0 SSD**
Front-facing camera	**720p HD camera**
Wireless	**Wi-Fi 6(802.11ax)+Bluetooth 5.0 (Dual band) 2*2**

NumberPad	**N/A**
ScreenPad™	**N/A**
FingerPrint	**N/A**
I/O ports	**1x HDMI 1.4** **1x Headphone out//1x USB 3.2 Gen 1 Type-A** **1x USB 3.2 Gen 1 Type-C** **2x USB 2.0 Type-A//Micro SD card reader**
Audio	**Audio by ICEpower®** **Built-in speaker** **Built-in microphone//harman/kardon (Mainstream)**
Voice control	**with Cortana support**
AC Adapter	**ø4.0, 65W AC Adapter, Output: 19V DC, 3.42A, 65W, Input: 100~240V AC 50/60Hz universal**
Battery	**42WHrs, 3S1P, 3-cell Li-ion**
Replaceable Battery	**No**
Keyboard type	**Chiclet Keyboard with Num-key**
Dimension (WxHxD)	**35.90 x 23.50 x 1.99 ~ 1.99 cm**
Weight (with Battery)	**1.80 kg**
Weight (without Battery)	**1.70 kg**
Security	**BIOS Booting User Password Protection** **Trusted Platform Module (Firmware TPM)** **N/A**
MyASUS feature	**Wi-Fi SmartConnect (All models)** **System Diagnosis (All models)** **Battery Health Charging (All models)** **Splendid (All models)** **Tru2Life (Intel Platform models)** **Function key lock (All models)** **WiFi roaming optimization (All models)** **Link to MyASUS (All models, Bluetooth needed)**
Built-in Apps	**MyASUS (for all)**
Included in the Box	**N/A** **Wired optical mouse**
Reparability Index (for France)	**6.5**