



SOC	Intel ADL-H series	<ul style="list-style-type: none"> <li>■ Alder Lake H baseline support</li> </ul>
Memory	SO-DIMM DDR4 DRAM	<ul style="list-style-type: none"> <li>■ DDR4 speed up to 3200MT/s</li> <li>■ RAM Socket * 2</li> <li>■ Standard System DRAM Module 4GB/8GB/16GB supported</li> <li>■ System DDR4 up to 64GB</li> </ul>
Storage	M.2 2280 SSD	<ul style="list-style-type: none"> <li>■ Support PCIE Gen4 interface</li> <li>■ Support 256GB/512GB/1TB</li> </ul>
LCD		<ul style="list-style-type: none"> <li>■ 14" IPS, 1920 x 1200 FHD (Anti-Glare), NTSC 45%</li> </ul>
Audio Codec	SENARTYTECH CX11880	<ul style="list-style-type: none"> <li>■ HDA Interface Audio codec</li> <li>■ Stereo speaker output</li> <li>■ Support Digital MIC sets</li> </ul>
KBC/EBC	ITE IT5571	<ul style="list-style-type: none"> <li>■ ACPI compliant</li> <li>■ Share ROM</li> </ul>
Card reader	Realtek RTS5170-GR Genesys GL835L	<ul style="list-style-type: none"> <li>■ USB2.0 interface</li> <li>■ Micro SD socket</li> <li>■ Support SDXC (up to 2TB)</li> </ul>
dTPM 2.0 (Optional)	NUVOTON NPCT760AABYX	<ul style="list-style-type: none"> <li>■ Power saving mode</li> <li>■ SPI interface</li> <li>■ Security features, TCG certified.</li> </ul>
LAN	Realtek RTL8111H	<ul style="list-style-type: none"> <li>■ 10/100/1000 support</li> <li>■ Power saving mode support</li> <li>■ PXE support</li> </ul>
Wireless LAN	2x2 Combo RTL8852BE	<ul style="list-style-type: none"> <li>■ 802.11 2x2 (5GHz/2.4GHz dual band support)</li> <li>■ M2. 2230 supported</li> <li>■ WLAN support (up to 2.4 Gbps)</li> </ul>
Keyboard		<ul style="list-style-type: none"> <li>■ US - 80keys, 282.3mm, with 3.2mm height</li> <li>■ UK - 81keys, 282.3mm, with 3.2mm height</li> <li>■ w/ backlit (optional)</li> <li>■ Caps Lock-&amp; Fn Key-with LED</li> </ul>
Pointing Device (Touch Pad)		<ul style="list-style-type: none"> <li>■ Support Windows Precision Touchpad (PTP)</li> <li>■ 120 X 75 mm</li> <li>■ Interface I2C</li> </ul>
Battery	55W	<ul style="list-style-type: none"> <li>■ Li-Polymer Smart-Battery, soft pack, non-removable</li> <li>■ 3S1P /11.55V/4656mAh/ 55Wh</li> <li>■ Certification: CE/CB/UL(cTUVus)</li> <li>■ Battery life 500 cycle capacity <math>\geq</math> 80%</li> </ul>
	70W	<ul style="list-style-type: none"> <li>■ Li-Polymer Smart-Battery, soft pack, non-removable</li> <li>■ 3S1P /11.61V/6000mAh/ 70Wh</li> <li>■ Certification: CE/CB/UL(cTUVus)</li> <li>■ Battery life 500 cycle capacity <math>\geq</math> 80%</li> </ul>

Adapter	100W (for 70W battery)	<ul style="list-style-type: none"> <li>■ DC Output for Adapter :5V/3A , 9V/3A , 12V/3A ,15V/3A , 20V/5A</li> <li>■ DC Output for System : 20V/5A</li> <li>■ 100Watts, USB type C plug</li> <li>■ Automatics Voltage adjustment between 100 and 240VAC</li> <li>■ Input Frequency 50/60Hz</li> <li>■ Surge protection</li> </ul>
	65W (for 55W battery)	<ul style="list-style-type: none"> <li>■ DC Output for Adapter :5V/3A , 9V/3A , 12V/3A ,15V/3A , 20V/3.25A</li> <li>■ DC Output for System : 20V / 3.25A</li> <li>■ 65 Watts, USB type C plug</li> <li>■ Automatics Voltage adjustment between 100 and 240VAC</li> <li>■ Input Frequency 50/60Hz</li> <li>■ Surge protection</li> </ul>
I/O Ports	<ul style="list-style-type: none"> <li>■ 1 x Type C Port (PD 3.0 only) (MB)</li> <li>■ 1 x HDMI 1.4 (MB)</li> <li>■ 1 x Type C Port (USB3.2 Gen 1 + PD3.0 + DP1.2 with Alt mode support) (MB)</li> <li>■ 1 x combo Audio jack for microphone/headphone (MB)</li> <li>■ 1 x Micro SD Card Reader (MB)</li> <li>■ 1 x LAN (DB)</li> <li>■ 3 x Type A Port USB3.2 Gen1 (DB)</li> </ul> <p>* PD priority with Type C (PD3.0 only) if Type C PD and Type C (full function) port plugged in at the same time</p>	
System Status Indication	<ul style="list-style-type: none"> <li>■ Power on status: power on/blue</li> <li>■ Battery Charging status (Blue/Red): <ul style="list-style-type: none"> <li>➢ Battery Charge (not FULL): LED Red Light</li> <li>➢ Battery Charge (FULL): LED Blue Light</li> </ul> </li> <li>■ Battery not Charge <ul style="list-style-type: none"> <li>➢ Battery Low (under 10%): LED Red Light blinking(turns-on 1.5Sec and then turns-off 1.5Sec and repeat)</li> </ul> </li> <li>(Charge status take priority over power on status)</li> <li>■ CCD LED indicator (White)</li> </ul>	
Power Button	<ul style="list-style-type: none"> <li>■ On/ Off: Programmable Power Buttons to Windows</li> <li>■ Press power button down for 1 second to enter suspend mode</li> <li>■ Press power button down for 4 seconds to power off system</li> <li>■ w/ Fingerprint (optional)</li> </ul>	
Speaker	<ul style="list-style-type: none"> <li>■ Build-in 2 speakers</li> <li>■ Speaker: 2W, 4Ω</li> </ul>	
Camera (RTC: Mainstream Level)	<ul style="list-style-type: none"> <li>■ Default: Front camera</li> <li>■ USB2.0 interface, w/ LED indicator</li> <li>■ 2M FHD w/ 2 D-MICs, MIC-array support</li> <li>■ Physical ON/OFF button</li> </ul>	
OS	<ul style="list-style-type: none"> <li>■ Support Windows 11 (64bit)</li> <li>■ WHLK Certification (by request)</li> <li>■ Modern Standby support</li> </ul>	
System BIOS AMI	<ul style="list-style-type: none"> <li>■ Support ACPI 5.0(above)</li> </ul>	

Function Key	<ul style="list-style-type: none"> <li>■ Fn+F1 - Touch Pad Enable/Disable</li> <li>■ Fn+F2 - Suspend</li> <li>■ Fn+F3 - Mute</li> <li>■ Fn+F4 - Keyboard backlight level</li> <li>■ Fn+F5 - Volume down</li> <li>■ Fn+F6 - Volume up</li> <li>■ Fn+F7 - Switch display</li> <li>■ Fn+F8 - Brightness down</li> <li>■ Fn+F9 - Brightness up</li> </ul>	
Measurements	<ul style="list-style-type: none"> <li>■ Dimension: 313.6mm x 224.8mm x 16.3mm (w/o rubber foot)</li> <li>■ Weight: 1.29kg (SSD, 55W battery)</li> <li>■ Weight: 1.32kg (SSD, 70W battery)</li> </ul>	
Form Factor	<ul style="list-style-type: none"> <li>■ 180 degree Clamshell</li> </ul>	
Battery Life	<ul style="list-style-type: none"> <li>■ Battery Charger time: 1 hour (Power off, 80% (+/- 5%) battery full w/ 100W adapter)</li> <li>■ Battery life: 8 hours in 55W battery, with Mobilemark2025 (SKU: i5-12500H / LCD FHD+ / 16GB / 512GB PCIE SSD)</li> </ul>	
Certification Design Ready	RF	<ul style="list-style-type: none"> <li>■ WLAN for CE ( RED / SAR )</li> </ul>
	EMC	<ul style="list-style-type: none"> <li>■ WLAN for CE</li> </ul>
	Safety & Environment	<ul style="list-style-type: none"> <li>■ CB</li> <li>■ cTUVus (by request)</li> <li>■ WEEE</li> <li>■ RoHS (Declaration)</li> </ul>
	Others	<ul style="list-style-type: none"> <li>■ HDCP (HDMI)</li> <li>■ Erp Lot 6</li> <li>■ Energy Star 8.0 Compliance</li> <li>■ TPM2.0</li> <li>■ HDMI 1.4 w/ certification</li> </ul>