

SOC	Intel ADL-H series	<ul style="list-style-type: none"> ■ Alder Lake H baseline support
Memory	SO-DIMM DDR4 DRAM	<ul style="list-style-type: none"> ■ DDR4 speed up to 3200MT/s ■ RAM Socket * 2 ■ Standard System DRAM Module 4GB/8GB/16GB supported ■ System DDR4 up to 64GB
Storage	M.2 2280 SSD	<ul style="list-style-type: none"> ■ Support PCIE Gen4 interface ■ Support 256GB/512GB/1TB
LCD		<ul style="list-style-type: none"> ■ 14" IPS, 1920 x 1200 FHD (Anti-Glare), NTSC 45%
Audio Codec	SENARTYTECH CX11880	<ul style="list-style-type: none"> ■ HDA Interface Audio codec ■ Stereo speaker output ■ Support Digital MIC sets
KBC/EBC	ITE IT5571	<ul style="list-style-type: none"> ■ ACPI compliant ■ Share ROM
Card reader	Realtek RTS5170-GR Genesys GL835L	<ul style="list-style-type: none"> ■ USB2.0 interface ■ Micro SD socket ■ Support SDXC (up to 2TB)
dTPM 2.0 (Optional)	NUVOTON NPCT760AABYX	<ul style="list-style-type: none"> ■ Power saving mode ■ SPI interface ■ Security features, TCG certified.
LAN	Realtek RTL8111H	<ul style="list-style-type: none"> ■ 10/100/1000 support ■ Power saving mode support ■ PXE support
Wireless LAN	2x2 Combo RTL8852BE	<ul style="list-style-type: none"> ■ 802.11 2x2 (5GHz/2.4GHz dual band support) ■ M2. 2230 supported ■ WLAN support (up to 2.4 Gbps)
Keyboard		<ul style="list-style-type: none"> ■ 80Keys, 279.8*108*3.5mm ■ w/ backlit (optional) ■ CAPs lock w/ LED
Pointing Device (Touch Pad)		<ul style="list-style-type: none"> ■ 2 fingers multi-gesture function (w/ driver) ■ 107.6 X 69.6 mm ■ Interface I2C
Battery	55W	<ul style="list-style-type: none"> ■ Li-Polymer Smart-Battery, soft pack, non-removable ■ 3S1P /11.55V/4656mAh/ 55Wh ■ Certification: CE/CB/UL(cTUVus) ■ Battery life 500 cycle capacity ≥ 80%
Adapter	100W (for ADL-H series)	<ul style="list-style-type: none"> ■ DC Output for Adapter :5V/3A , 9V/3A , 12V/3A ,15V/3A , 20V/5A ■ DC Output for System : 20V/5A ■ 100Watts, USB type C plug ■ Automatics Voltage adjustment between 100 and 240VAC ■ Input Frequency 50/60Hz ■ Surge protection

I/O Ports	<ul style="list-style-type: none"> ■ 1 x Type C Port (PD 3.0 only) (MB) ■ 1 x HDMI 1.4 (MB) ■ 1 x Type C Port (USB3.2 Gen 1 + PD3.0 + DP1.2 with Alt mode support) (MB) ■ 1 x combo Audio jack for microphone/headphone (MB) ■ 1 x Micro SD Card Reader (MB) ■ 1 x LAN (DB) ■ 2 x Type A Port USB3.2 Gen1 (DB) ■ With Kensington Lock support <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"> ■ Power on status: power on/BLUE ■ Charge status: charging/RED ; fully charged/BLUE (Charge status take priority over power on status) ■ CCD LED indicator (White)
Power Button	<ul style="list-style-type: none"> ■ On/ Off: Programmable Power Buttons to Windows ■ Press power button down for 1 second to enter suspend mode ■ Press power button down for 4 seconds to power off system ■ LED: Blue Color
Speaker	<ul style="list-style-type: none"> ■ Build-in 2 speakers ■ Speaker: 2W, 4Ω
Camera (RTC: Mainstream Level)	<ul style="list-style-type: none"> ■ Default: Front camera ■ USB2.0 interface, w/ LED indicator ■ 2M w/ 2 D-MICs, MIC-array support ■ w/ privacy camera shutter
OS	<ul style="list-style-type: none"> ■ Support Windows 11 (64bit) ■ WHLK Certification (by request) ■ Modern Standby support
System BIOS AMI	<ul style="list-style-type: none"> ■ Support ACPI 5.0(above)
Function Key	<ul style="list-style-type: none"> ■ Fn+F1 - Touch Pad Enable/Disable ■ Fn+F2 - Suspend ■ Fn+F3 - Mute ■ Fn+F4 - Keyboard backlight level ■ Fn+F5 - Volume down ■ Fn+F6 - Volume up ■ Fn+F7 - Switch display ■ Fn+F8 - Brightness down ■ Fn+F9 - Brightness up ■ Fn+F10 - Print Screen
Measurements (TBC)	<ul style="list-style-type: none"> ■ Dimension:313.6mm x 227.3mm x 16.9mm (w/o rubber foot) ■ Weight: 1.5kg (TBC)
Form Factor	<ul style="list-style-type: none"> ■ 180 degree Clamshell
Battery Life	<ul style="list-style-type: none"> ■ Battery Charger time: 1 hour (Power off, 80% (+/- 5%) battery full w/ 100W adapter) ■ Battery life: 8 hours in 55W battery, with Mobilemark2025 (TBC) ■ (SKU: i5-12500H / LCD FHD+ / 16GB / 512GB PCIE SSD)

Certification Design Ready	RF	<ul style="list-style-type: none"> ■ WLAN for CE (RED / SAR)
	EMC	<ul style="list-style-type: none"> ■ WLAN for CE
	Safety & Environment	<ul style="list-style-type: none"> ■ CB ■ cTUVus (by request) ■ WEEE ■ RoHS (Declaration)
	Others	<ul style="list-style-type: none"> ■ HDCP (HDMI) ■ Erp Lot 6 ■ Energy Star 8.0 Compliance ■ TPM2.0 ■ HDMI 1.4 w/ certification