miniDis

Portwell

WEBS-89H2

Rugged industrial computer delivering reliable control and connectivity

Category	Specification
CPU	Intel® 10th Gen Core™ i3/i5/i7/i9 (Comet Lake)
Optional CPUs	Celeron® G5900TE (2C/4T, 3.0GHz, 2MB, 35W); Core™ i3-10100TE (4C/8T, 2.3/3.6GHz, 6MB, 35W); Core™ i5-10500TE (6C/12T, 2.3/3.7GHz, 12MB, 35W); Core™ i7-10700TE (8C/16T, 2.0/4.4GHz, 16MB, 35W); Core™ i9-10900TE (10C/20T, 1.8/4.5GHz, 20MB, 35W)
BIOS	AMI UEFI 64-bit
Memory	2× 260-pin DDR4 2400MT/s SO-DIMM, up to 32GB
Storage	1× mSATA; 1× M.2 B-Key 2280 (SATA)
Expansion	1× Full-size miniPCIe (USB signal) with SIM holder
Watchdog Timer	1−255 levels programmable
Serial Ports	2× RS-232/485 (selectable via switch)
Display Outputs	1× HDMI (3840×2160 @ 60Hz); 1× DVI (1920×1080 @ 60Hz)
USB	4× USB 3.0; 1× internal USB 2.0 Type-A
Ethernet	4× RJ45 PoE GbE (Intel, max 15W/channel); 2× RJ45 GbE (Intel)
Digital I/O	16× DI (supports 2-ch A/B differential encoder, max 1MHz); 16× DO (supports 2-ch PWM, max 1MHz)
Power Input	DC 12−24V, max 120W
Operating Temperature	−20°C to 60°C
Storage Temperature	−40°C to 80°C
Humidity	40°C, 95% RH non-condensing
Vibration	1.5Grms, 5−500Hz (IEC 60068-2-64)
Shock	20G, 11ms (IEC 60068-2-27)
Dimensions	200(W) × 154.5(D) × 75.6(H) mm
Weight	1.9 kg
Mounting	Wall mount / DIN-rail
Other Features	Rugged design, wide-temperature support, 6× GbE, 4× PoE, Windows 10 IoT compatible